Oil Investors' Journal

Entered as second class matter July 11, 1908, at the post-office at Houston, Texas, under the Act of March 3, 1879

BEAUMONT, TEXAS — TULSA, OKLAHOMA — HOUSTON, TEXAS

VOL. VII. — HOUSTON, TEXAS, MARCH 6, 1909 — NO. 19

GALBREATH SELLS OUT TO CROSBIE

Deal Includes 1280 Acres in the Glenn Pool, With 69 Wells Producing About 3000 Barrels a Day, and 500,000 Barrels of Oil in Ground Storage—Consideration Not Stated, but Reported to Be $700,000—New Owner Took Possession February 25—Average of Pipe Line Runs in February Not Up to the January Record—Producers Go On Record Against Removal of Countervailing Duty on Petroleum and Against the Oklahoma Pipe Line Bill—Developments and Personal Notes.

MID-CONTINENT PIPE LINE RUNS.

*PRAIRIE OIL AND GAS COMPANY.

Stated in bbls.	Jan.	Feb.
Runs	2,684,529.77	2,322,582.55
Daily average	86,597.73	82,949.38
Deliveries	2,197,351.17	1,804,899.02
Daily average	70,882.29	64,460.68
Tanked	487,178.60	517,683.53
Daily average	15,715.44	18,488.70
Stocks	39,368,143.36	39,860,437.64

*Includes Kansas.

GULF PIPE LINE COMPANY.
(Estimated.)

Stated in bbls.	Jan.	Feb.
Runs	449,500	434,000
Daily average	14,500	15,500
Deliveries	449,500	406,000
Daily average	14,500	14,500
Tanked	....	28,000
Daily average	....	1,000

THE TEXAS COMPANY.
(Estimated.)

Stated in bbls.	Jan.	Feb.
Runs	496,000	448,000
Daily average	16,000	16,000
Deliveries	496,000	448,000
Daily average	16,000	16,000

TOTAL RUNS AND DELIVERIES.

Stated in bbls.	Jan.	Feb.
Runs	3,630,029	3,204,582
Daily average	117,097	114,449
Deliveries	3,142,851	2,658,899
Daily average	101,382	94,960
Tanked	487,178	545,683
Daily average	15,715	19,488

STOCKS OF MID-CONTINENT CRUDE.
Feb. 1, 1909.

	Barrels.
Prairie Oil & Gas Co.	39,860,437
Gulf Pipe Line Co.	*4,866,000
The Texas Company	*1,500,000
Total pipe line stocks	46,226,437
In Producers' storage (Est.)	7,500,000
Total stocks	53,726,437

*Does not include Oklahoma crude stored in Texas.

RUNS FROM THE GLENN FIELD.

	Barrels	Daily av.
The Texas Co.	442,400	15,800
Gulf P. L. Co.	431,200	15,400
Prairie O. & G. Co.	446,740	15,955
Total by pipe lines	1,320,340	47,155
Jan. pipe line runs	1,309,980	42,580
Increase	10,360	4,575

TULSA, OKLA., March 3, 1909.—(Special.)—J. E. Crosbie, president of the Central National Bank of Tulsa, has purchased the holdings of Robert Galbreath and associates in the Glenn field, including 1280 acres of producing territory on which there are 69 wells. The price is withheld, but it is reported to be $700,000. It is the largest deal yet made in Glenn property. Mr. Galbreath drilled in the first well in this famous field three years ago and is known as its discoverer. He had exceptional opportunities for obtaining leases after he had brought in his first well and took advantage of them. The production of the 69 wells on the various leases and holdings is in the neighborhood of 3000 barrels a day. The sale includes nearly 500,000 barrels of oil in ground storage, which has since been bought by The Texas Company. The contract between Crosbie and Galbreath was signed Saturday, February 20. The deal was closed up the following Wednesday. On Thursday, February 25, Mr. Crosbie took possession. The following is a list of the various properties transferred, Mr. Galbreath owning the largest share in the companies named:

By the Galbreath-Colcord Oil Company:

Southeast quarter of section 22-17-12; 160 acres.

Northwest quarter of southeast quarter of section 10-17-12; 40 acres.

Southwest quarter of section 2-17-12; 160 acres. The west half of this land is fee simple.

By the Galbreath-Chesley Oil Company:

South half and northeast quarter of southeast quarter of section 10-17-12; 120 acres. The discovery well was drilled on the Ida E. Glenn land, southeast quarter of section section 10, included in the foregoing.

By the Superior Oil & Gas Mining Company:

Northeast quarter of section 22-17-12; 160 acres.

Individually Mr. Galbreath owned the following:

North half of southeast quarter of section 9-17-12; 80 acres.

North half of southwest quarter of section 15-17-12; 80 acres in fee simple.

Southeast quarter of section 15-17-12; 160 acres.

Northeast quarter of section 15-17-12; 160 acres.

West half of section 11-17-12; 160 acres.

In disposing of his extensive holdings in the Glenn field Robert Galbreath practically retires from the oil business. He has a few leases around in different parts of the country, but these have not yet shown themselves to be of any great consequence. At one time he was associated with Frank Chesley in extensive holdings in the Bald Hill field, but some time ago he and Chesley made a deal by which Chesley turned over to Galbreath all his holdings in the Glenn field and Galbreath turned over to Chesley all his holdings in the Bald Hill field. Mr. Chesley, therefore, had no interest in the big sale just made to Mr. Crosbie. Mr. Galbreath goes out of the business with a large fortune. He makes his home in Tulsa.

Since his purchase of the Galbreath holdings J. E. Crosbie now becomes the manager of properties in the Glenn field on which there are 161 producing wells. The output of these wells is between 8000 and 9000 barrels a day. The wells are divided as follows:

Oklahoma State Oil Company..24 wells
Best Oil & Gas Company.....31 wells
Jacob Anderson lease.....24 wells
Crow lease .....13 wells
Galbreath properties .....69 wells

Mr. Crosbie personally owns all except those of the Oklahoma State Oil Company and the Best Oil & Gas Company. His brother, Alfred Crosbie, who has been with him for some time in his operations in the Glenn pool, will be the field manager for all of these properties. The cost of drilling and equipping the wells alone in the above list is put at $805,000.

PIPE LINE RUNS.

A further decrease in Mid-Continent pipe line runs was noted in February, when the daily average was 114,449 barrels as against 117,097 barrels in January. The Prairie Oil & Gas Company's February runs averaged 82,949 barrels a day as against 86,597 barrels a day in January and 91,972 barrels a day in December. This company's February deliveries averaged 64,460 barrels a day as against 70,882 barrels a day in January, and the quantity put into tankage—including oil purchased in tanks—averaged 18,488 barrels a day as against 15,715 barrels a day in January. The Texas Company maintained its usual average of 16,000 barrels a day of runs and deliveries, and the Gulf Pipe Line Company averaged 15,500 barrels a day as against 14,500 barrels a day in January and December. The 8-inch loops which The Texas Company will put in its trunk line between Stuart and Armstrong and between Sherman and Dallas will increase the capacity of the line not less than 3000 barrels a day, and it is presumed that the company will increase its runs in proportion. Nothing has developed as to the reported intention of the Gulf people to double their line to Texas.

GLENN POOL RUNS AND CAR SHIPMENTS.

Pipe line runs from the Glenn pool in February are put at 47,155 barrels a day, as against 42,580 barrels a day in January. The Prairie is credited with taking 15,955 barrels a day, The Texas Company 15,800 barrels and the Gulf Company 15,400 barrels a day. Pro-

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ducers stored between 5000 and 6000 barrels a day, indicating a daily production of 52,000 or 53,00 barrels in the Glenn district during the month. Car shipments declined over 100,000 barrels for the month as a result of the suspension of shipments to the Security Oil Company at Beaumont, Texas, this company having shut down its plant after working up all the light crude it had on hand. The February shipments amounted to 60,722 barrels, divided as follows: W. H. Millikin, Mounds, 31,948 barrels; Heywood Oil Company, Kiefer, 13,473 barrels; Laurel Oil & Gas Company, Kiefer, 10,480 barrels; Benson, Kiefer, 1066 barrels; Gulf Pipe Line Company, Kiefer, 609 barrels; others from Kiefer, 3146 barrels; total, 60,722 barrels; daily average, 2169 barrels. The daily average in January was 5393 barrels. The Security Company has been receiving most of the crude shipped by cars from the Glenn pool, but this company is now out of the market for an indefinite period as a result of the legal proceedings instituted by the state of Texas, which have prevented the company from laying a pipe line from Oklahoma and which deprive it of adequate facilities for the shipment of its products by vessel from Sabine and by tank cars to points outside the state of Texas.

SALE OF FUEL OIL.

W. H. Millikin has sold the Southern Pacific 100,000 barrels of Glenn crude at 30 cents a barrel, delivered on board cars at Mounds. The oil to be delivered on this contract has been in his steel tanks at Mounds for nearly two years and he desires to get rid of it and make room for fresh oil. The Southern Pacific will use this crude on its Houston & Texas Central line, which extends as far north as Denison. The division of freight with the Frisco for the haul from Mounds to Denison amounts to about 22 1-2 cents a barrel, making the cost of the oil to the railroad about 52 1-2 cents. As the market in South Texas is now 72 to 75 cents on cars, the railroad company, as may be seen, is getting some cheap oil in Oklahoma. During the past year the Southern Pacific bought several hundred thousand barrels of Glenn crude on the cars at 29 cents.

STRONG AGAINST REMOVAL OF TARIFF ON OIL.

The Mid-Continent Oil and Gas Producers Association at its annual meeting in Tulsa, February 27, took a very decided stand against the removal of the countervailing duty on petroleum, declaring its attitude in an address to members of congress on the subject, with accompanying resolutions. The address in part is as follows:

To the Members of the Congress of the United States—The Mid-Continent Oil and Gas Producers Association embraces in its membership the owners of 87 1-2 per cent of the 13,000 producing oil wells in the states of Oklahoma and Kansas, the total daily production from which wells is 180,000 barrels, which is 60 per cent of all the high-grade refining crude oil produced in the United States. The Oklahoma oil fields are situated in the interior, remote from seaboard transportation, which isolated location makes it difficult to market the product of the wells, to the great embarrassment of the producers. Already seriously handicapped in marketing 60 per cent of the crude oil of refining grade in the United States, the Mid-Continent Oil and Gas Producers Association is in position to realize more acutely than the producers of other sections of the United States the grave danger to the petroleum industry and pecuniary disaster to individual oil producers if the existing protective tariff and countervailing duty are removed and the importation of crude and refined oils is permitted free of duty.

The resolutions call attention to the large quantities of petroleum now known to exist in Mexico, to the ease with which it could be brought into the United States, to the further fact that the Mexican petroleum is almost wholly under control of the English people, who are famed for their commercial enterprise, and to the fact that that even with an existing tariff cargoes of petroleum were landed on our shores last year from points in Asia.

INTERIOR DEPARTMENT FIXES STANDARD PRICE FOR OIL.

The department of the interior has reached a determination as to the price of oil in the Oklahoma field when calculating the royalties of Indians. This is set forth in the following letter recently received by operators:

Muskogee, Okla., Feb. 25, 1909.

Acting under instruction received at this office from the secretary of the interior, under date of February 24, 1909, I have to advise as follows:

"From and after February 1, 1909, payment will be required on account of royalty interests in leases under the supervision of the department at the price of 41 cents per barrel, said price to continue until changed by the department, with notice, and to apply to all settlements made with the department by you, your company, or the pipe line company, for royalty oil

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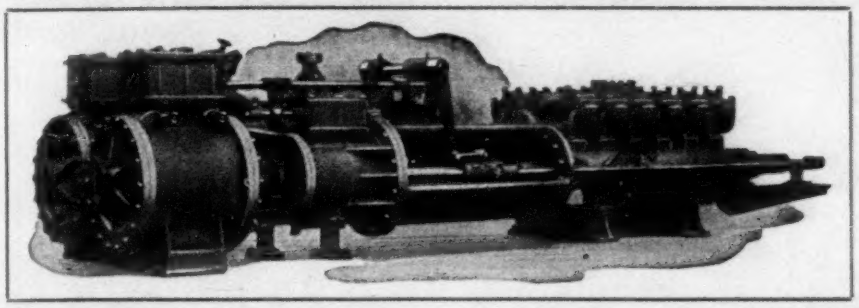

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taken or purchased from leases under the supervision of the department."

You will, therefore, be governed accordingly. Respectfully,

DANA H. KELSEY,
United States Indian Agent.

OKLAHOMA GAS CASE.

What is known as the Oklahoma gas case came up for argument before Judges Campbell and Pollock in the federal court at Muskogee, on Wednesday, February 24. The plaintiffs, who are chiefly Pennsylvania people having gas holdings in Oklahoma, had asked for an injunction restraining the officials of Oklahoma from interfering in any manner from the piping of gas into other states. To this application the state of Oklahoma demurred and the argument was on the demurrer. Attorney General West made the chief argument in support of the demurrer, and was assisted by C. B. Ames, while Eugene Mackey of Pittsburg and Judge Hatch of New York took the other side. The case is a most important one, as it involves the constitutionality of the provision in the Oklahoma constitution forbidding the piping of gas out of the state. The court asked that briefs be filed not later than March 23, so it may be presumed that the momentous case will be decided soon after that date.

THE PIPE LINE BILL.

The pipe line bill passed the senate at Guthrie by a large majority, Thursday, February 24. This is not the Yeager-Strain bill, as commonly reported, but is a substitute for that bill drawn by Attorney General West. By the consent of Yeager and Strain, the West bill, which is longer and more elaborate in legal verbiage, was substituted for their own and took the place of their bill on the calendar. Hence there was no delay. The bill was sent over to the house at once after its passage. At the annual meeting in Tulsa last Saturday, February 27, of the Mid-Continent Oil and Gas Producers Association Judge Henry of Indiana, who has interests in Oklahoma, presented a bill which with a few verbal changes, was accepted on the spot and given the official indorsement of the association. A large number of petitions were prepared and sent into all the oil districts for signatures. These petitions were addressed to J. A. Tillotson, chairman of the oil committee in the house. A great many producers will go to Guthrie to urge the passage of this bill.

Section 3 of the bill provides that any domestic company desiring to enter into the transport of oil shall have the right of eminent domain in the state, but foreign companies shall not have this right.

Section 4 provides that any company electing to become a common purchaser and a common carrier of oil shall purchase oil accessible to its gathering lines without discrimination in favor of one producer as against another and if it be unable to purchase or transport all the oil offered to it then it shall take from each producer ratably in proportion to the average daily production and if such company is itself a producer, then it must not discriminate in its own favor.

The remainder of the bill is chiefly taken up with directions as to how its provisions shall be carried out. This measure, with slight modifications was favorably reported by a majority of the house committee, as a substitute for the senate bill. The minority report favored the senate bill.

PROSPECT GOOD FOR PARTIAL SHUT-DOWN.

At the meeting of the Mid-Continent Oil and Gas Producers Association just held D. F. Connolly made a report from the committee appointed to take into consideration the matter of a shut-down in certain classes of drilling operations so as to curtail production, in which he said the association had sent 116 letters to producers asking their views on the subject and had received 107 replies. All the replies favored a shut-down with certain restrictions in case of government regulations and offsets. It is proposed to have the shut-down begin April 1 and continue four months. This would take it up to August 1. In that time it is believed the production will be so far curtailed as to bring it within the ability of the pipe lines to handle it. It now looks like this would be the plan adopted to give at least partial relief to the situation.

ROUTINE WORK OF THE MID-CONTINENT ASSOCIATION.

The regular annual meeting of the Mid-Continent Oil and Gas Producers Association in Tulsa, February 27, was one of the largest in point of attendance and most harmonious in its history. There was a distinctly better feeling after the meeting. The posi-

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tion of the association among oil men in Oklahoma was never before so firmly fixed as it is now.

The new board of directors chosen is as follows: Geo. C. Priestley, D. F. Connolly, W. H. Johnson, R. S. Litchfield, Victor Martin, M. H. Mosier, D. W. Franchot, L. Caton, E. R. Kemp, J. E. Crosbie, F. A. Gillespie.

The new advisory board is as follows: D. Gunsburg, Wm. Geiser, J. H. Evans, R. M. McFarlin, F. M. Selby, W. L. Parmenter, J. R. Greenlees, John O. Mitchell, M. L. Lockwood, F. C. Henderson, P. D. McConnell, J. W. Zevely, D. W. Henry, Chas. Owen, W. H. Roeser, M. F. Stilwell, Geo. B. Harmon, D. Hastings, J. J. Shea, A. W. Leonard, Matt McCormick, W. L. Jeffords, J. K. Long, H. F. Sinclair, John Wisener, W. S. Mowris, Clint Moore, Geo. W. Barnes, R. D. Rood, P. J. White.

The new officers are to be elected at a later meeting of the board of directors.

NORTH GLENN EXTENSION.

The fact that the three existing wells at Taneha are making a better showing than ever before has had an encouraging effect on those who have holdings in that territory. After the well drilled by Moore and others on the Joseph H. Land allotment in section 2 was shot it did not flow, but it filled up with oil and the baler failed to make headway against it. It was assumed by the owners to be safe for 75 to 100 barrels. The tubing was placed in the well Monday, March 1.

The old No. 1 of the Taneha Oil Company was put into better shape and it is now making 100 barrels. It had been making only about 60 barrels. The No. 2 well of the same company was finally brought around to good working order Sunday afternoon February 28, and is now making 400 barrels of good clean oil. The company has rigs up for two other wells and they will be drilled at once.

The two wells drilled by Charles Page in section 1-18-11 as offsets to the Taneha No. 2 reached the sand at 1700 feet Saturday, February 27, and the casing was set. One of them was drilled in March 3 and showed for 200 barrels. The Duquesne Oil Company has a rig up for a well offsetting the Taneha No. 2.

Perhaps the best well developed in the middle section of this field during the last 10 days is that of James Brann on the Garfield Bruner tract, section 29-18-12. It is good for at least 250 barrels. The Gypsy Oil Company's No. 4 on the Alice Aubrey, southeast quarter of 18-18-12, is good for 150 barrels. The well of Charles Page on the Gano Lee tract, southeast quarter of section 13-18-11, is good for at least 200 barrels and is near the well of the Gypsy Oil Company on the Millie Aubrey tract.

There have been several disappointments in the field. The Oklahoma Gas Company got a dry hole on the southeast quarter of section 31-19-12 after drilling 2200 feet. Page also got a dry hole in his test up in section 24-19-11. This is about one mile south of the Arkansas river. The Prairie Oil and Gas Company got a dry hole in the Glenn sand in its test on the southwest quarter of section 1-17-11. This is on the William Frank land. This well is drilling deeper in search of another sand.

BIRD CREEK.

Things continue very active in the Flatrock Creek district. The Alpine Oil Company has recently brought in Nos. 12 and 13 on the Archilla tract in section 19. No. 13 is good for 400 barrels. No. 12 is not quite so strong. No. 14 is at the sand and No. 15 is just starting. The same company has rigs up for Nos. 2, 3 and 4 on the Rosa Lloyd land and a rig up for No. 2 on the Laura Lloyd land.

The test well drilled by the Alpine people on the Haworth allotment 2 1-2 miles northwest of production, was shot and made a small showing. It may develop into a 50-barrel producer. The chief significance of this well is that it indicates a trend of the oil sand in that direction.

The Damon Oil Company has commenced No. 5 on the Naomi Wilson land. This is the company that succeeded the Thompson Company and is owned by the Britton-Johnson people.

In the upper field there is little activity at the present moment, owing to the small runs by the Prairie Oil and Gas Company. The Britton-Johnson Oil Company has bought the life interest of Ely Ellis and wife in the Weaver and Nancy Ellis land. The Weaver Ellis land consists of the east half of the southeast quarter of section 7-21-13. The Nancy Ellis land is in the southwest quarter of the same section. The same company bought the fee of Fanny Ellis in the same land last September. All this land is being operated under a lease to the Keystone Oil Company.

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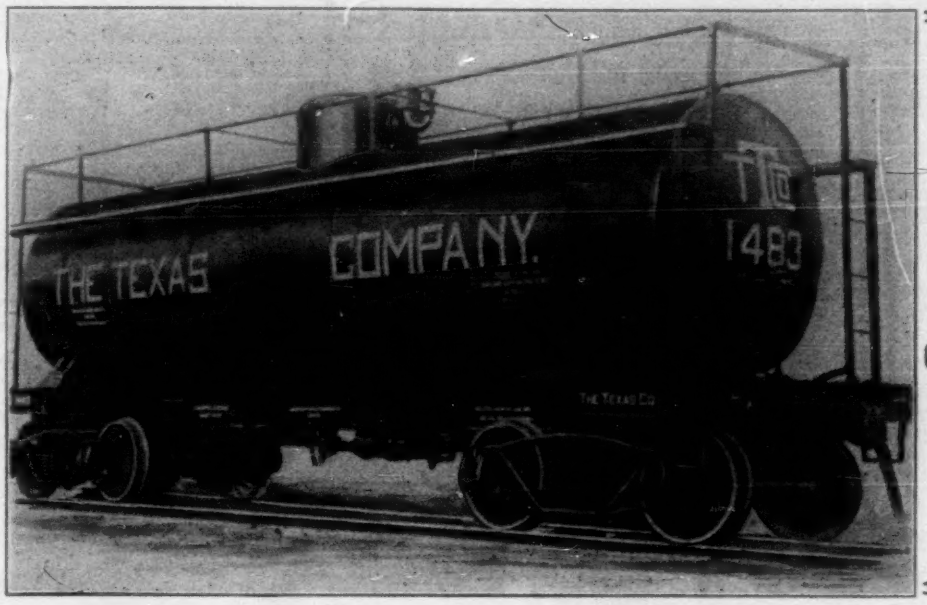

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The Britton-Johnson Oil Company and the Paraffine Oil Company have had some trouble with water in their No. 1 well on the Lemuel Charley allotment, section 17-21-13. The water appeared to be just above the sand, but is now pretty well under control.

NOTES.

J. E. Crosbie has sold the 500,000 barrels of ground storage oil he took over in his big deal with Robert Galbreath to The Texas Company.

A. B. Cratsley has come from Illinois to superintend the steel tank work which the Warren City Tank and Boiler Company has in progress in this field. Before coming here he performed similar work for his company in the Illinois oil fields.

The Alpine Oil Company has just completed its sixth 55,000-barrel steel tank on its Flatrock Creek tank farm. The steel for tank No. 7 is at Tulsa, ready to send out to the field.

Important changes are to be made in the Robinson hotel, Tulsa, so well known to oil men. A fifth story is to be added, first-class up-to-date elevators are to be put in, the lobby is to be enlarged by including the present dining room, a new and finer dining room is to be constructed on the south side of the building and long balconies are to be attached to the Third and Main street sides.

N. V. V. Franchot has just completed a 55,000-barrel steel tank on the John D. Kiefer land, section 17-17-12, Glenn field.

George W. Barnes is constructing a ground reservoir to hold 75,000 barrels on the L. L. Berryhill land, section 16-17-12, Glenn field.

The Prairie Oil and Gas Company took over two 55,000-barrel steel tanks of oil in the Glenn field in February, one from N. V. V. Franchot and one from the Owasso Oil Company.

The Texas Company has completed its telephone line from the terminus of its pipe line into the Bird Creek field to its offices in Tulsa.

The Gypsy Oil Company will drill the well on the southwest quarter of section 24-18-11 deeper with the hope of finding a pay sand. The well was dry in the regular sand.

The Mississippi Gas Company has brought in a gas well on the northwest quarter of section 6-18-12. It is estimated at 15,000,000 cubic feet or better. This is in the Taneha neighborhood and not far from some other good gas wells owned by the same people.

George Harmon has turned his attention to drilling for gas and has just brought in his No. 2 on the Daniel farm, northwest quarter of section 18-24-14. This is about 4 1-2 miles east of Ramona. The capacity of his No. 1 is 20,000,000 cubic feet and that of his No. 2 is 25,000,000 cubic feet. Mr. Harmon owns 300 acres in this territory.

Eugene Blaise, president of the Farmers National Bank of Tulsa, and W. L. Norton of the American National Bank of Bartlesville have purchased a large interest in the newly organized Securities National Bank of Kansas City. The shares of the Kansas City institution have greatly advanced since the purchase was made. Mr. Blaise announces that he may later go to Kansas City to become actively associated with the management of the Securities National, although he would retain his interest in the Farmers National of Tulsa. Since he came to the latter bank last year he has greatly increased its business.

Secretary Victor Martin's report made to the Mid-Continent Oil and Gas Producers Association shows that the members of that organization own 10,836 of the active oil and gas wells in the Mid-Continent field and interests in 1000 other wells. The members control 87 per cent of all the active wells in the entire field.

Frank Chesley seems to be developing a considerable gas field in his operations in the Bald Hill district. In the well he is drilling on the northeast quarter of the northwest quarter of section 25-15-14 he has found about 15,000,000 cubic feet of gas and in another well he drilled a short time ago on the southwest quarter of the southwest quarter of section 22-15-14 he found about the same quantity. He will continue drilling where he is now with the purpose of getting oil.

The well drilled in section 2-18-11, on the Joseph H. Land allotment, near Taneha, has been shot in an upper sand and is reported to be making from 75 to 100 barrels. The result of the shot is sufficiently encouraging to the owners of the property to cause them to do more drilling.

The No. 2 well of the Taneha Oil and Gas Company (Acosta and others)

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FARMERS' NATIONAL BANK

Tulsa, Oklahoma

OKLAHOMA STATE DEPOSITORY

Oil Producers' Accounts Receive Special Attention

is making about 350 barrels a day. Some water is yet coming out of the hole, but it is thought this can be cut off. The owners feel confident that they can eventually make it a 400 or 500-barrel well.

E. H. Jennings, president of the Columbia National Bank of Pittsburg, arrived in Tulsa the middle of February to look over his interests in the neighboring fields. Mr. Jennings is head of the producing firm of Jennings Brothers and is connected with the Pure Oil Company.

James Earschman, formerly a prominent operator in the Pennsylvania fields, was in Tulsa last month, shaking hands with many old acquaintances.

Fred Misener and others, who were drilling the test in section 11-19-14, 10 miles east of Tulsa, got a dry hole. This test was drilled on the strength of the Wright and Bonacker well in the same section, which is a fair producer of high grade oil. It completes the chain of dry holes around the Wright and Bonacker well and leaves it more of a puzzle than ever.

Tomlinson and Ely have tubed their No. 1 well on the Roberts land in section 29 at Bald Hill. The gas was very weak, but it looks like a good well.

It was stated in this report, published in the Oil Investors' Journal of February 20, that R. C. Armstrong, Jr., manager of the Muskogee Pipe Line Company, had become manager of the Laurel Oil and Gas Company, operating in the Glenn field. It is William Armstrong who has been made manager of the Laurel Oil and Gas Company. He is from Pennsylvania and is a son-in-law of Judge Elkin of that state, who has large holdings in this company.

In a severe electrical storm that swept swept over the Muskogee field one night in February the Oklahoma Oil Company lost six 250-barrel tanks, three 500-barrel tanks and a rig by lightning. The tanks were all filled with oil.

The well drilled by Campbell, Moore and others in the northeast corner of the southeast quarter of section 2-18-11, near Taneha, and reported dry at 1700 feet, is to be shot in the Glenn sand. This sand was passed through in drilling, but was not thought much of at the time, as it showed a good deal of water.

Ross & McLean have brought in a 400-barrel well on the Devan tract, section 21-17-18, half a mile north of the Delaware pool in the Cherokee shallow sand. This indicates an extension of the pool to the north and has aroused much interest in that territory.

J. R. R.

The Producers Oil Company brought in a good well at 1000 feet in the northeast corner of the Bart 10 acres, near the Guffey power station, at Humble, last month. It started flowing better than 500 barrels, but had declined some by the end of the month.

DESTRUCTIVE PRAIRIE FIRE IN CHILDERS DISTRICT—SUBSTITUTE PIPE LINE BILL IS REPORTED.

TULSA, OKLA., March 5.—(Special Telegram.)—A very destructive prairie fire swept over the Childers field in the Cherokee shallow sand region on March 2. It started from a boiler in section 35-26-16, burned across section 35 and parts of sections 1 and 2, destroying four 500-barrel wooden tanks, one 1600-barrel wooden tank and setting fire to five wells. The fire crossed the road in a southeasterly direction, burning everything in its path until it reached John Bell & Company's Tanner property where it burned six 1600-barrel tanks. A 55,000-barrel steel tank escaped. The Prairie Oil and Gas Company lines in this district were badly damaged.

The Eastern Oil Company on the Emma Cates land in section 25-26-15, Childers, has brought in a 300-barrel well and the same company on the Ora Graham land, section 3-26-11 has brought in one good for 500 barrels.

The Oil and Gas committee of the Oklahoma house made a majority report, adopting with some modifications the pipe line bill endorsed by the Mid-Continent Oil and Gas Producers Association as a substitute for the bill passed by the senate and submitted to the house. A minority report was made, favoring the senate bill. A contest is on in the house today between the supporters of the two reports.

OKLAHOMA WELL STATISTICS

(Month of February.)

Oklahoma reported 272 completions in February, of which 254 were producers with initial output estimated at 21,405 barrels, an average of 84 barrels to the well, 17 were dry and 1 gas. The January record was 260 completions, 238 being producers for a total of 21,400 barrels of new oil, or 90 barrels to the well, 18 being dry and 4 gas. In the Cherokee shallow sand field 134 producing wells were completed for 8875 barrels of new oil, an average of 66 barrels to the well, as against 106 producing wells completed in January with initial output of 7225 barrels, or 68 barrels to the well. Three dry holes were reported in the shallow sand in February. In the Creek districts, embracing the Glenn pool, the districts immediately north of Tulsa, Bald Hill, Muskogee and Morris, the completions in February numbered 44, of which 38 were producers with initial output of 5560 barrels, or 146 barrels to the well, and 6 were dry. In the Cherokee deep sand 82 producers were completed with initial output of 5900 barrels or 78 barrels to the well, as against 78 producers in January with 4155 barrels of new oil or 53 barrels per well. The Osage completed 4 producers, the new oil amounting to 900 barrels, or 225 barrels per well. The January record was 7 producers with 1365 barrels initial output, or 195 barrels per well. The Cleveland district reported 3 completions for 170 barrels, as against 4 producers and 190 barrels of new oil in January.

On February 28 there were 188 wells drilling and 92 rigs up in the Oklahoma districts, as against 204 drilling and 99 rigs on January 31, a decrease of 23 in the total of wells drilling and rigs. The Creek Nation leads in new work, with 57 wells drilling and 56 rigs, as compared with 65 drilling and 65 rigs on January 31. Sixty-four machines were running in the shallow sand February 28, as against 66 January 31. Following is the summary of Oklahoma well operations for February in detail:

OKLAHOMA WELL STATISTICS.

District	Oil	Pdn.	Gas	Dry	D'g	Rgs
Cher. Deep.	75	5,900	0	7	51	24
Cher. Shal.	134	8,875	0	3	64	0
Creek Nat'n	38	5,560	0	6	57	56
Osage Nat'n	4	900	1	1	12	9
Cleveland ..	3	170	0	0	4	3
Totals ...	254	21,405	1	17	188	92
Jan. totls.	238	21,400	4	18	204	99

AVERAGE PRODUCTION OF NEW WELLS.

	Barrels Jan.	Feb.
Cherokee Deep Sand	53	78
Cherokee Shallow Sand.....	68	66
Creek Nation.....	197	146
Osage Nation.....	197	225
Cleveland	47	57
Average all completions.....	90	84

A party of Houston oil men, including W. H. Lyne of the Producers Oil Company, Clint Wood and John T. Crotty, left Houston February 20 for Laredo, Texas, and Monterey, Mexico. Lyne visited the gas well near Aguilares, in Webb county, east of Laredo, which is owned by W. T. Cushing and others. They returned February 27.

THE TEXAS COMPANY BUYS BIRD CREEK PRODUCTION.

TULSA, OKLA., March 4.—(Special.)—The Texas Company has bought the production of the Highland Oil Company in the Flatrock district of the Bird Creek field for a period of time, the length of which is not given. The Highland Company has therefore ceased running oil into its 55,000-barrel storage tank. The company has brought in its No. 7 well, which is making about 400 barrels. No. 8 is drilling. When this is completed, the 20-acre lease, which the company holds, will have been drilled. Its daily production is about 1600 barrels. The Texas Company has also bought the production of the Little Rock Oil Company, the Hill Oil Company, and the Los Angeles Cherokee Oil Company operations, in the same district. The Texas Company will put in a pumping station in the Flatrock district.

MUSKOGEE.

At Muskogee the latest well brought in is that of George B. Schoenfelt on the Ethel Garret, northwest quarter of the southwest quarter of section 33-15-18. It is making 100 barrels natural of high grade oil. Five wells that were drilling in this field are now shut down for various reasons.

BALD HILL.

The Twin Hills Oil and Gas Company on the A. F. Buckman tract, northeast corner of the northeast quarter of the northwest quarter of section 6-14-14 has come in and is making 80 barrels natural. There are 13 wells drilling in the field and rigs for 15.

MORRIS.

The Gypsy Oil Company has shot its well on the northeast corner of the northwest quarter of the northwest quarter of section 34-13-14 and it is rated at 35 barrels.

NOTES.

The Texas Company has completed its 4-inch pipe line from the Lefeber station into the Bird Creek field. It was tested with water Tuesday, March 2, and oil is now being run through the line. The company has also completed its 55,000-barrel steel tank at the northern terminus of the line.

The Texas Company is building a loading rack at the Glenpool station on the Midland Valley railroad on the east side of the Glenn field. It is presumed this is to be used in handling shipments of the half million barrels the company has just bought from J. E. Crosbie, and which is held in ground storage on the old Galbreath property.

On Tuesday, March 2, about half past eight in the morning a boiler in one of the powerhouses on the lease of the Reese Oil Company in the Glenn field exploded with a terrific shock. Several pieces of the tubing of the boiler were blown through a shack a short distance away in which were a woman and three children, but strange to say nobody was hurt. The pump man who had charge of the power house had left it about two minutes before the explosion occurred. The power house was completely demolished. J. R. R.

THE CRUDE PETROLEUM MARKET

Quotations on Credit Balances as Posted by the Pipe Lines.

SOUTHEAST TEXAS AND LOUISIANA.

Sun Company.

	Sept 4	Sept 8	Oct 13	Nov 12	Dec 10	Dec 26
Spindletop .	50	50	57	56	56	60
Sour Lake..	48	48	55	54	54	54
Batson	48	48	55	54	53	53
Saratoga ..	44	48	55	54	53	53
Humble ...	50	50	57	56	54	54
Dayton	39	44	51	50	50	50

All oil run on the basis of 60 degrees F. temperature.

Gulf Pipe Line Company.

	Aug 4	Sept 7	Oct 7	Oct 12	Nov 10	Dec 5
Spindletop .	50	50	55	57	55	55
Sour Lake..	48	48	53	55	53	53
Saratoga ..	44	48	53	55	53	53
Batson	48	48	53	55	53	53
Humble ...	50	50	55	57	55	53

The Texas Company.

Credit balance quotations suspended by this company June 8. Following are postings up to that date:

	Feb 4	Mch 13	Mch 30	Apr 20	May 11	May 30
Sour Lake .	75	72	70	68	65	62
Saratoga ..	71	71	66	64	61	58
Humble ...	73	70	68	65	62	60
Jennings ..	70	67	64	60	57	54
Shrevep't ..	70	67	64	58	55	52

Above prices do not include loading, storage or other charges on oil shipped by tank car.

Oil Producers Marketing Co.

	Feb. 6	Feb. 15
Batson	58	60
Saratoga	58	60
Sour Lake.....	60	62
Spindletop	60	62
Humble	60	62

NORTH TEXAS.

Navarro Refining Company.

	June 10	June 13	Oct 15
Corsicana, light.....	72	70	70
Corsicana, heavy.....	50	45	48
Henrietta, Texas.....	60	45	48

KANSAS AND OKLAHOMA.

Prairie Oil and Gas Company.

	1907 Feb. 11	Mch. 9
32 gravity and over.....	$0.40	$0.41
32 to 31½ gravity.....	.37	.38
31½ to 31 gravity.....	.34	.38
31 to 30½ gravity.....	.31	.32
30½ to 30 gravity.....	.27	.28
Heavy or fuel oil.....	.27	.28

Gulf Pipe Line Company.

	1907 Dec. 5
Glenn Crude.....	$0.35

EASTERN STATES.

Pennsylvania	$1.78
Second sand.....	1.78
Tiona oil.....	1.78
Amber oil.....	1.78
Corning	1.14
Newcastle	1.22
Cabell	1.32
Butler, Ohio.....	1.78
North Lima.....	1.04
South Lima.....	.99
Indiana	.99
Illinois	.68
Illinois, under 30 degrees.....	.60
Princeton, Ind.....	.68
Somerset	1.00
Ragland	.65
Canada	1.44

SMALL WELL AT CORSICANA.

With reference to a report that the Corsicana field had been extended by a new well on the Millican farm, a correspondent at Corsicana says: "The Corsicana Petroleum Company drilled in a well on the Millican land, about two miles east of Corsicana; but this farm has had producing wells on it for the last six or seven years. The well in question is good for about 5 barrels; but does not extend the field to any extent."

TEXAS AND LOUISIANA SUMMARY

(Month of February.)

Estimates of Gulf Coast production in February make the daily average output 38,202 barrels, as compared with movement and estimated consumption amounting to 41,405 barrels a day. The shortage for the month is put at 89,669 barrels, or an average of 3202 barrels a day. The decline in output was due to decreased production at Humble, which fell off 50,000 barrels in February; Batson, which fell off 20,000 barrels; Saratoga, 31,000 barrels; Spindletop, 17,000 barrels, and Jennings, 35,000 barrels. The other Gulf Coast fields remained about stationary. Vessel shipments of Gulf crude from Port Arthur and Sabine averaged 7905 barrels a day in February as against 9611 barrels a day in January. Car shipments from South Texas points averaged 17,379 barrels a day in February, as against 17,928 barrels a day in January. Car and pipe line shipments from Louisiana points averaged 7026 barrels a day in February as against 7647 barrels a day in January. Stocks of Gulf crude on March 1 were estimated at 2,696,334 barrels.

THE CRUDE OIL MARKET.

The Gulf Coast market is strong, credit balances in the more active fields commanding 65 cents, with contracts for two months at Humble reported at 68 cents, and for longer periods at Humble, Sour Lake and Spindletop at 70 cents. Spot oil on board cars at Humble is selling up to 75 cents. The Jennings spot market is 5 to 10 cents higher. Most of the production at Caddo is contracted, and no quotations are posted there.

GULF COAST PRODUCTION, FEBRUARY 28.

(Estimated)

SOUTHEAST TEXAS.

District	Jan. 31	Feb. 15	Feb. 28
Saratoga	4,025	3,925	3,325
Batson	3,875	3,575	3,600
Humble	11,300	11,300	10,770
Sour Lake	4,950	6,500	5,400
Spindletop	4,300	4,300	4,150
Dayton	85	100	90
Markham	150	90	180
Goose Creek	75	70	40
Totals	28,760	29,860	27,555

LOUISIANA.

District	Jan. 31	Feb. 15	Feb. 28
Jennings	8,500	7,500	7,700
Caddo	2,700	2,100	2,580
Anse la Butte	350	350	350
Welsh	55	50	65
Totals	11,605	10,000	10,695

GULF COAST REGION.

District	Jan. 31	Feb. 15	Feb. 28
Southeast Texas	28,760	29,860	27,555
Louisiana	11,605	10,000	10,695
Totals	40,365	39,860	38,250

PRODUCTION OF THE GULF COAST REGION IN FEBRUARY.

(Estimated.)

SOUTHEAST TEXAS.

District	Jan.	Feb.
Batson	120,125	100,800
Humble	350,300	301,500
Saratoga	124,775	93,100
Sour Lake	153,450	151,200
Spindletop	133,300	116,200
Dayton	2,665	2,575
Markham	4,100	4,000
Goose Creek	1,510	2,000
Totals	890,225	771,375
Daily average	28,717	27,549

LOUISIANA.

District	Jan.	Feb.
Jennings	255,000	220,000
Caddo	54,000	65,000
Welsh	1,600	1,800
Anse la Butte	11,500	11,500
Totals	322,100	298,300
Daily average	10,390	10,653

GULF COAST REGION.

District	Jan.	Feb.
Southeast Texas	890,225	771,375
Louisiana	322,100	298,300
Totals	1,212,325	1,069,675
Daily average	39,107	38,202

MOVEMENT OF SOUTHEAST TEXAS CRUDE AND REFINERY PRODUCTS.

Port Shipments.

Grade.	Jan.	Feb.
Crude	297,949	221,348
Decrease in Feb.	.....	76,601
Daily average	9,611	7,905

Refinery Products.

	Jan.	Feb.
All grades	814,741	449,865
Decrease in Feb.	.....	364,876
Daily average	26,282	16,066

SOUTHEAST TEXAS RAIL SHIPMENTS.

Gulf, Colorado & Santa Fe.

Loading Point.	Jan.	Feb.
Saratoga	52,160	54,481
Beaumont	5,251	4,812
Totals	57,411	59,293
Increase in Feb.	.....	1,882

Kansas City Southern.

Loading Point.	Jan.	Feb.
Beaumont	.....	.....

International & Great Northern.

Loading Point.	Jan.	Feb.
Trice (Texas Co.)	178,686	101,739
Decrease in Feb.	.....	76,947

Houston, East and West Texas.

Loading Point.	Jan.	Feb.
Humble	242,069	244,728
Increase in Feb.	.....	2,659

Southern Pacific.

Loading Point.	Jan.	Feb.
Sour Lake	75,294	78,672
Gladys	.....	342
Markham	2,318	1,857
Totals	77,612	80,871
Increase in Feb.	.....	3,259

Total Rail Shipments.

Loading Point.	Jan.	Feb.
G. C. & S. F.	57,411	59,293
K. C. S.	.....	.....
I. & G. N.	178,686	101,739
H. E. & W. T.	242,069	244,728
Southern Pacific	77,612	80,871
Totals	555,778	486,631
Decrease in Feb.	.....	69,147
Daily average	17,928	17,379

TOTAL MOVEMENT OF CRUDE.

	Jan.	Feb.
Port shipments	297,949	221,348
Rail shipments	555,778	486,631
Totals	853,727	707,979
Decrease in Feb.	.....	145,748
Daily average	27,539	25,285

MOVEMENT OF LOUISIANA CRUDE.

Rail Shipments.—K. C. S.

Loading Point.	Jan.	Feb.
Lake Charles	9,289	4,370
Caddo	*60,944	*74,100
Totals	70,233	78,470

*Includes Mooringsport.

Southern Pacific.

Loading Point.	Jan.	Feb.
Jennings	81,227	74,803
Mermentau	4,269	3,646
Anse la Butte	2,942	3,582
Egan	17,896	4,034
Totals	106,334	86,065
Decrease in Feb.	.....	20,269

Total Rail Shipments.

Railroad.	Jan.	Feb.
K. C. S.	70,233	78,470
Southern Pacific	106,334	86,065
Totals	176,567	164,535
Decrease in Feb.	.....	12,032
Daily average	5,695	5,876

DELIVERIES TO BUTTE LA ROSE (Plaquemine.)

	Jan.	Feb.
By pipe line	60,487	32,206
Decrease in Feb.	.....	28,281
Daily average	1,951	1,150

TOTAL LOUISIANA MOVEMENT.

	Jan.	Feb.
Rail shipments	176,567	164,535
Butte la Rose (Plaquemine)	60,487	32,206
Totals	237,054	196,741
Daily average	7,647	7,026

NET MOVEMENT OF GULF COAST CRUDE.

	Jan.	Feb.
All ship'ts, gross	1,090,781	904,720
Jennings transfers to Texas storage	3,843	.....
Oil City (Caddo) transfers to Texas storage	10,000	30,376
Net movement	1,076,938	874,344
Decrease in Feb.	.....	202,594
Daily average	34,740	31,226

TOTAL MOVEMENT AND ESTIMATED CONSUMPTION.

	Jan.	Feb.
Rail and port shipments	1,076,938	874,344
Ref. consumption	200,000	200,000
Field consumption	75,000	85,000
Totals	1,351,938	1,159,344
Daily average	43,611	41,405

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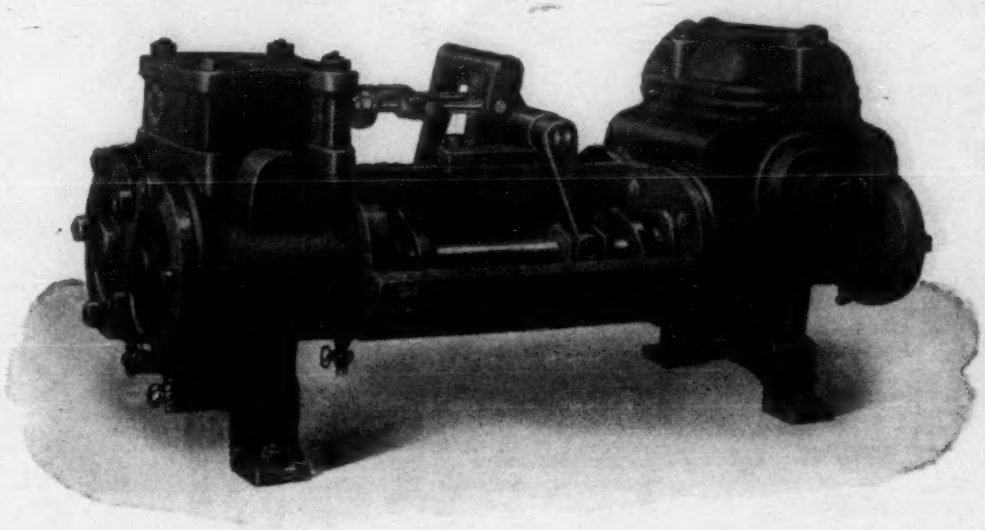

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REQUIREMENTS AND PRODUCTION COMPARED.

	Jan.	Feb.
Total movement and consumption	1,351,938	1,159,344
Total production	1,212,325	1,069,675
Shortage	139,615	89,669
Daily average	4,504	3,202

STOCKS.

Stocks Feb. 1	2,786,003
Shortage in Feb.	89,669
Stocks on March 1	2,696,33.

GULF COAST FIELD OPERATIONS.

(Month of February.)

Sixty-four wells were completed in the Gulf Coast region in February, 45 being producers with initial output of 5025 barrels, and 19 being dry. The January record was 68 completions of which 44 were producers, furnishing 6080 barrels of new production, and 24 were dry. On February 28 there were 93 wells drilling and 14 rigs up in the Gulf Coast region, as compared with 110 wells drilling and rigs on January 31.

CADDO.

Caddo reported 10 completions in February, 4 being oil, with 465 barrels initial output, 3 dry and 3 gas. Producers 4 on the C. W. Lane, southwest quarter of the northeast quarter of the northwest quarter of section 18-20-15, started around 400 barrels, and on February 28 was credited with 325 barrels. It is producing light oil, like that from Producers 2, on the same land, which has been flowing since last September and is now said to be making 500 barrels. Busch-Everett 1, on the Etcheson, northeast quarter of the northeast quarter of section 11-20-16, a few hundred feet southwest of the shallow wells in section 1-20-16, Caddo City, is rated at 110 barrels. Blanchard 3, on the Surrey, southwest quarter of the southeast quarter of section 12-20-16 is a small well, credited with 15 barrels. Hunter 3, on the E. K. Smith, southwest quarter of section 1-20-16, is rated the same. Busch-Everett 1, on the A. L. Pitts and the same company's 1 on the Pitts, northeast quarter of the northwest quarter of section 31-22-15, are 40,000,000-foot gassers. Caddo Gas & Oil 1, on the Mary L. Cook, southwest quarter of section 32-20-15, Mooringsport, is also a gasser. Producers 2, on the P. Harrell, southeast quarter section 2-20-16, Producers 1 on the J. W. Holt southeast quarter of the southeast quarter of the same section, and Heywood Oil Company 1, on the J. S. Savage, northeast quarter of the northeast quarter of the southeast quarter of the same section, were all dry in the shallow formation found in section 1-20-16, and in the deeper levels. All were abandoned.

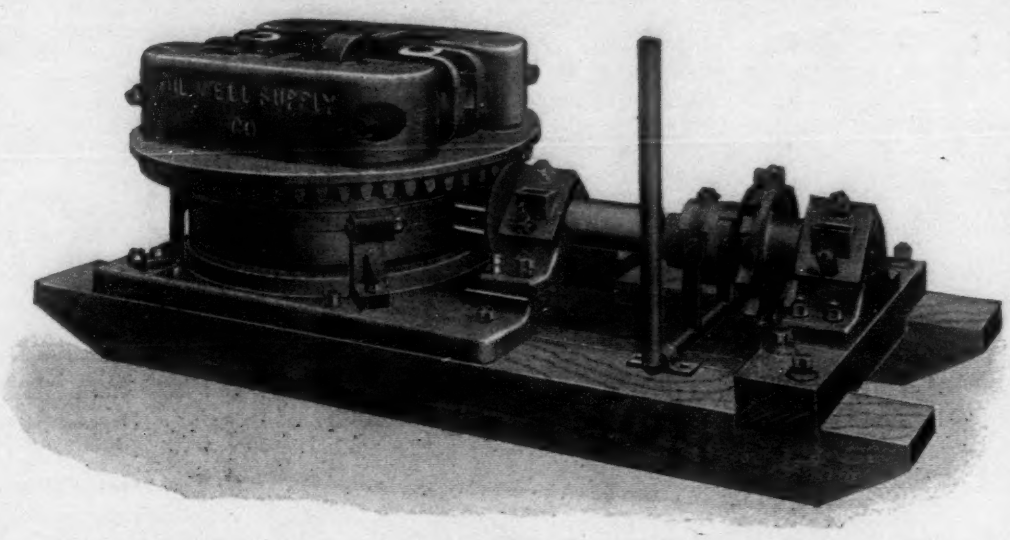
Two miles north of Caddo City production in section 25-21-16, Brown Bros., drilling for B. F. Rogers on his fee land, have converted the old No. 1 well on this land, which came in a gasser over a year ago and was "killed" to prevent a bad blowout, into an oil producer. Full information is lacking at the time of the compilation of this report, but it is said that the oil was developed between 1100 and 1200 feet, and that the well is flowing 50 to 100 barrels. Two and a half miles west of the Rogers well, the Trees Oil Company has a producer in a sand tapped at 1060 feet, and it is probable that the Rogers 1 is in the same formation. The Rogers land is adjacent to Lewis station, on the Kansas City Southern railroad.

At Mooringsport, the McCormick well, at the station, showed for a good producer, but the casing slipped, and the hole is hung up. It is the belief of some who have been watching it that this is an edge well. It is about three quarters of a mile west of the Gulf Ref. Co. 2, on the Hostetter land. East of the Hostetter well, 840 feet, Producers 1, on the Producers fee land, southwest quarter section 30-20-15, is dry at 2400 feet. This has caused the Gulf people to abandon their Hostetter 3, which was drilling in the same quarter section, near the Producers well.

Two of the Gulf Company's tests in the Mooringsport territory are down below 2300 feet. Gulf 1, on the Nunnally, southwest quarter section 29-20-15, a half mile east of the producing wells on the Hostetter in section 30, is said to look pretty bare. Gulf 1, on the Curtis, northeast quarter of the southwest quarter of section 19-20-15, midway between the Hostetter wells and the Producers Oil Company's good ones in section 18-20-15, is showing for a small well. The Producers test on the southwest quarter of 30-20-15, which did not find the sand, is directly between the Hostetter and the Nunnally. Gulf 2, on the Hostetter is said to be

Oil Well Supply Co.

ROTARY



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holding up to 175 to 225 barrels on the pump.

The Caddo district has a single outlet for its oil—the Kansas City Southern railroad. Almost the entire production of the field, to date, has been moved by cars over this line. In a few months the facilities for reaching the market will be increased, as the The Texas Company is now doing the preliminary work on a 6-inch line from Caddo to Shreveport. This line will be built immediately, following the right of way of the Kansas City Southern for most of the distance, about 20 miles. The Texas Company has purchased property at Shreveport, and will make it a distributing point. Later the company may build a refinery or skimming plant. The railroads entering Shreveport, in addition to the Kansas City Southern, are the T. & P., Cotton Belt, M. K. & T., V. S. & P., L. R. & H., and H. E. & W. T. The T. & P. is a Gould line, and the H. E. & W. T. is a Southern Pacific line. The Texas Company's new pipe line will make it possible to ship oil direct over these various roads.

The project to pipe Caddo gas to New Orleans is fully covered elsewhere in this number of the Journal.

On February 28 there were 32 wells drilling, and 1 rig up in the Caddo district, as compared with 33 drilling, and 1 rig on January 31.

SOUR LAKE.

Operators are going after the deep sand at Sour Lake with a vengeance, and as a result this district now leads all others in South Texas in the item of development, reporting 20 wells drilling, 2 drilling deeper, 8 rigs and 9 new derricks up on February 28. Humble passes into second place for the first time in many months. During February 16 wells were completed at Sour Lake of which 14 were producers with 1795 barrels of new oil, and 2 were dry. The producers rated in initial production as follows: Drake 1, on the Hooks, 350 barrels natural, the first 24 hours; Producers 2, on the Merchant, 350 barrels, flowing; Producers 5, on the Sour Lake Oil Company tract, 250 barrels, natural; Texas 134, on the Texas farm, and Knight 2, on the Cora Jackson, each 150 barrels; Drake 1, on the Merchant, 100 barrels; Smith 1, on the Carpenter, and Hartel and Anderson 1, on the Hartel, each 90 barrels; Bordages-Guiterman 2, on the Jackson; Home 1, on the Hill and Carpenter; Keever and Gordon 1, on the Merchant; and Sun 1, on the Enloe and Carpenter, each 50 barrels. The two other producers Gilbert 42, on the Gilbert; and Robinson and Buckner 1, on the Malevinski, were rated at 35 and 30 barrels initial output, respectively. Annex 3, on the West; and Johnson 106, on the Rio Bravo farm, completed in the last half of February, were salt water and a dry hole respectively. Heidner 5, on the Rogers was drilled deeper and made to produce about 25 barrels on the pump. Tarver and Paggi 1 was deepened, producing 50 barrels on the pump.

MARKHAM AND GOOSE CREEK.

Producers-Hardy 17, at Markham, on the William Haddon survey, 400 feet northwest of Hardy 1, started flowing February 23 at 11 in the morning, while the 4-inch drill pipe was being pulled for the purpose of changing the bit. Although there was 600 feet of drill stem in the hole the well made 25 barrels an hour, gradually choking itself off until March 1, when it stopped flowing. The drill pipe was removed and a strainer set on March 3, but had to be pulled for the purpose of resetting. The 6-inch in this well was set at 1140, and the hole drilled to 1275. A good oil rock was penetrated below the 6-inch. Producers-Hardy 18 is drilling a few hundred feet east of No. 17, on the William Haddon. It was 1000 feet deep February 28.

Only one well is drilling at Goose Creek, Producers 3 on the Ashbel Smith. It was 1890 feet deep February 28. The Producers tests on the Sweet and Isenhour tracts were abandoned early in February, leaving but one rig in operation. The two producing wells are making 40 barrels together.

Four miles northeast of Goose Creek and about one mile west of Cedar Bayou, on a line between Goose Creek and Barber's Hill in Chambers county, the Producers Oil Company started a test about February 20. It is on the Van Meldert land.

HUMBLE AND OTHER DISTRICTS.

Humble reported 23 completions of which 19 were producers with 2065 barrels of new oil, 3 were dry and 1 a gasser. Hermann 60, on the Hermann, was the largest producer, being rated good

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for 525 barrels initial output. The others are rated as follows: Hermann 62, on the Hermann, 400 barrels; Producers 112, on the Bart, 200 barrels, (came in flowing 600 barrels); Hermann 61, Hermann, 150 barrels; E. F. Simms 10, McDonald, 140 barrels; Nickolson 6 on the Butler, 125 barrels Hermann 63, on the Hermann, 100 barrels; E. F. Simms 11, McDonald, 100 barrels; John O'Neil 58, Butler, 75 barrels. The remaining producers were credited with 50 barrels or less. On February 28, 17 wells were drilling, 3 rigs and 4 new derricks were up

Spindletop reported 4 completions, all dry, in February. On the last day of the month 7 wells were drilling.

Four wells were completed at Saratoga in February, all producers with 185 barrels initial production. Rio Bravo 250, on the Rio Bravo farm, came in good for 80 barrels the first 24 hours. Rio Bravo 249, on the same tract, 50 barrels; Sun 45, on the Ogden, 30 barrels, and Guffey 7, on the Herrington, being good for the remaining 25 barrels. On February 28, three wells were drilling and 1 rig was up. Two wells were abandoned during the month. Gaines 1, on the Teel was shut down February 28.

Dayton reported 1 completion in February, William Bullard 1, on the Pruitt, dry. One well was drilling, 1 rig up, and 2 locations made for new wells on February 28.

Jennings was dull in February, reporting but 3 completions, Great Southern 1, on the Arlington 3 acres, pumping 400 barrels the first 24 hours, and Producers 71, on the Latreille 40 acres and C. O. and M. 41, on the fee simple, being dry. There were 8 wells drilling and 2 drilling deeper, on February 28. Producers 73, on the Latreille 40 acres is the second hole, the first location having been lost while setting the 6-inch casing.

Batson reported 3 completions in February, for a total of 115 barrels initial output. There was 1 well drilling and 2 derricks up February 28.

Only 1 well was drilling at Anse la Butte, February 28, Baton Rouge 1, on the Louisiana Petroleum tract, and indications were not good in it when tested at 1680 feet. It will be drilled deeper. J. Y. S. 1, on the A. Martin; Grow 1, on the N. Patin, and Lake 8, on the R. Martin, were shut down on that date, although work on the last will probably be resumed about March 10. There were no completions in February. One well, Oil and Timber 1, on the A. Broussard was abandoned at 1845 feet with the pipe stuck.

Following are the tables of well operations for the month of February, and detailed field reports for the last half of the month:

WELLS COMPLETED IN FEBRUARY.

District	Com.	Oil.	Dry.	Abd.	Pdn.
Humble	22	19	*4	8	2065
Spindletop	4	0	4	2	0
Batson	3	3	0	0	115
Sour Lake	16	14	2	0	1795
Saratoga	4	4	0	2	185
Dayton	1	0	1	0	0
Markham	0	0	0	0	0
Goose Creek	0	0	0	0	0
Anse la Butte	0	0	0	1	0
Jennings	3	1	2	0	400
Caddo	10	4	**6	1	465
Totals	64	45	19	14	5025
Jan record	68	44	24	26	6080

* One gasser. ** Three gassers.

WELLS DRILLING AND RIGS.

District	Drilling Jan. 31	Drilling Feb. 28	Rigs Jan. 31	Rigs Feb. 28	Totls Feb. 28
Humble	26	17	2	3	20
Spindletop	7	7	0	0	7
Batson	1	1	0	1	1
Sour Lake	12	20	2	8	28
Saratoga	3	3	3	1	4
Dayton	3	1	0	1	2
Jennings	8	8	0	0	8
Caddo	33	32	1	1	33
Anse la Bt.	4	1	0	0	1
Markham	2	2	0	0	2
Goose Crk	3	1	0	0	1
Totals	102	93	8	14	107
Total Jan. 31					110

SOUR LAKE.

COMPLETED.

Robinson & Buckner 1, Malevinski, 30 bbls.
Bordages-Guiterman 2, Jackson, 50 bbls.
Hartel & Anderson 1, Hartel, 90 bbls.
Smith 1, Carpenter, 90 bbls.
Drake 1, Merchant, 100 bbls.
Knight 2, Cora Jackson, 150 bbls.
Texas 134, Texas farm, 150 bbls.
Annex 3, West; salt water.
Johnson 106, Rio Bravo, dry.
Completed 9, producing 7, dry 2, new production 660 bbls.

DRILLING.

Producers 3, Merchant.
Producers 6, Bordages.
Taber 1, Texas Co. and Taber.
Yount (Cannon) 1, Cannon.
Daley 1, Armstrong.
Wynn 1, Wynn.
Meehan 1, Cannon.
Martha 1, Wirt Davis.
Drake 1, Jackson.
Robinson-Buckner-Higgins 1, Moore.
Britton 1, Hansen & Taylor.
Keever & Gordon 1, Benard.
Hardcastle 3, Carpenter.
Smith 2, Carpenter.
Home 2, Hill & Carpenter.
Bordages-Guiterman 1, Lipscomb. (Previously reported as Bordages-Guiterman 3, A. Jackson.)
T. S. Crosbie 1, Silverman & Henderson.
Johnson 1, Hartel.
Terry 1, Brown.
Sun 1, Turpin; shut down.
Drilling 20.

DRILLED DEEPER.

Heidner 5, Rogers; 25 bbls. on pump.
Tarver & Paggi 1; 50 bbls. on pump.

DRILLING DEEPER.

Gilbert 1, Bailey.
Tarver 2, Cannon; shut down.
Drilling deeper 2.

RIGS.

Young 2, Crow.
Young 1, Malmgren.
Drake 1, Carpenter.
Almira 1, Hecht & Adams.
Crosbie 1, Hirshfield.
Heilbron 1, Hart.
Christian 1, Armstrong.
Robinson-Buckner-Ransom 1, Ransom.
Rigs 8.

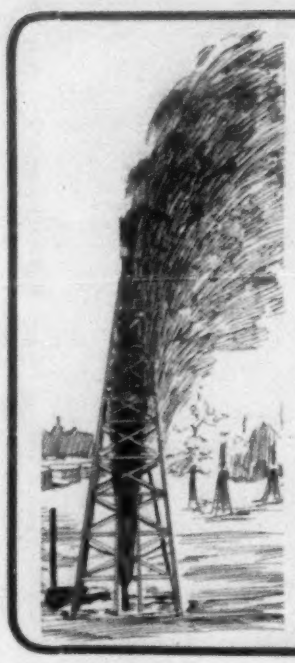
DERRICKS.

Keever & Gordon 1, Cannon.
Home 2, Carpenter.
Hardcastle 1, Fearman.
Robinson & Buckner 1, Rogers.
Keever & Gordon 1, Jackson.
Lone Pine 1, Jackson.
Martha 2, Wirt Davis.
Brown 1, Bitterman.
Drake 1, Kofeldt.
Derricks 9.

HUMBLE.

COMPLETED.

Hermann 60, Hermann; 525 bbls.
Hermann 62, Hermann; 400 bbls.
Hermann 63, Hermann; 100 bbls.
Sun 51, Bailey; 10 bbls.
Esperson 6, Cherry; 50 bbls.



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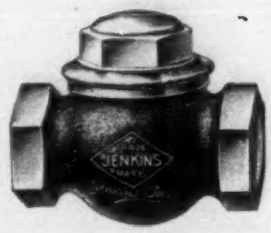

Supplies

Ninety-Nine Co. 52, Bush; 20 bbls. (Reported previously as No. 14.)
Dixie 1, Sharp; 10 bbls.
E. F. Simms 11, McDonald; 100 bbls.
Producers 112, Bart; 200 bbls.
Completed 9, producing 9, new production 1415 bbls.

DRILLING.

Hermann 49, Hermann; waiting standard rig.
Hermann 59, Hermann; waiting cable tools.
Hermann 64, Hermann.
Guffey 2, Hirsch; waiting standard rig.
Producers 88, Bart.
Producers 91, Hermann & Brockman; shut down.
Producers 102, Moore 2 acres; shut down.
Producers 103, Matthewson; shut down.
Producers 111, Mason.
Burt-McGaffey 1, Marshall; fishing (wildcat).
Emerson & Potts 2, Butler; fishing.
Decker & Paddock 3, Bender; fishing.
Granberry 25, Hermann.
Wood & Meadows 7, Heywood.
Esperson 7, Cherry.
Cleveland 12, Cleveland.
Southwestern 1, Bailey.
Drilling 17.

RIGS.

Producers 114, Bart.
Sun 73, Bailey.
Fondren 21, Barrett.
Rigs 3.

NEW DERRICKS.

E. F. Simms 12, McDonald.
Sun 79, Broocks.
Dixie 2, Cherry.
Producers 113, Bart.
New derricks 4.

ABANDONED.

Guffey 1, 2 and 3, Bush; dry.
Producers 110, Mason; dry.
Abandoned 3.

BATSON.

COMPLETED.

Ada Belle Oil Co., Moonshine; pumping 30 barrels oil from 600 feet.
Higgins 1, on north corner Higgins, drilled deeper to 1170 feet; pumping 30 barrels oil; 60 barrels water.
Completed 2, producing 2, new production 60 bbls.

DRILLING.

Sun Co. 9, Paraffine; pulling strainer to set new one.

DERRICKS.

Allen Oil Co., Edgar acre.
Higgins 2, Higgins; 200 ft. E. No. 1.
Derricks 2.

NOTE.

Sun Co. 3, Paraffine; drilled 20 feet deeper and now pumping 20 barrels oil with no water.

SPINDLETOP.

DRILLING.

Bowles Bros. 1, block 15, Gladys; trying to pull strainer.
Bowles Bros. 2, block 15, Gladys; shut down.
Unity 22, McFaddin.
Guffey 108, in Gladys flats.
Wilson-Broach 6, Miss-Texas lease; water; trying to pull strainer.
G. B. Speed, block 5, Gladys.
C. A. Abercrombie 2 on 100 acre tract, McFaddin, north about 20 feet from first hole.
Drilling 7.

DAYTON.

COMPLETED.

Wm. Bullard 1, Pruitt; dry.

DRILLING.

Paraffine 1, W. H. Hardin league (Grave Yard Hill.)

RIGS.

Trammel 3, Neitzart.

LOCATIONS.

Wm. Bullard 2, 3 miles SE. of No. 1 in Trinity river bottom.
Mills 2, Mills farm, 1000 feet W. of No. 1.

NOTE.

Mills 1, on Mills farm and American Sulphur and Oil 5 in the Trinity river bottom, will be dropped from the drilling list until work is resumed.

SARATOGA.

COMPLETED.

Sun 45, Ogden; pumping 30 bbls.
Guffey 7, Herrington; pumping 25 bbls.
Rio Bravo 250, Rio Bravo farm; pumping 80 bbls.
Completed 3, producing 3, new production 135 barrels.

DRILLING.

Rio Bravo 251 and 259, Rio Bravo farm.
Creighton-McShane 8, Creighton-McShane farm.
Drilling 3.

RIGS.

Rio Bravo 256, Rio Bravo farm.

ABANDONED.

Rio Bravo 205 and 208, Rio Bravo farm; dry.
Abandoned 2.

NOTE.

Gaines 1, on the Teel, is shut down and will be omitted from these tables until such time as drilling is resumed.

Rio Bravo 259, located on a narrow strip of the Rio Bravo farm, running south from the main body of the farm, failed to find the sand from which the Britton wells, 150 feet east, and McShane wells, 150 feet west, are producing, and is being drilled for a deep test. It was 1741 feet deep on February 28. Rio Bravo 251 was 990 feet deep on the same date.

GOOSE CREEK.

DRILLING.

Producers 3, Ashbel Smith; 1890 feet deep February 28.

NOTE.

The two producing wells at Goose Creek were making 40 barrels in the aggregate February 28.

MARKHAM.

COMPLETED.

None.

DRILLING.

Producers-Hardy 17, 400 feet NW of Hardy 1; drilled to 1275 feet and started flowing February 23 at rate of 25 barrels an hour, while 4-inch pipe was being pulled. Choked up March 1, and strainer was set March 3 and pulled March 5, to be reset.
Producers-Hardy 18, about 300 feet E. of No. 17; 1000 feet deep February 28.

NOTE.

With 600 feet of 4-inch pipe in the hole, Producers-Hardy 17 made 600 barrels in 24 hours after it started flowing February 23. It gradually choked up, there being 135 feet of open hole below the 6-inch, which was set at 1140 feet. On February 28 it made 125 barrels, and the next day stopped.

CADDO.

COMPLETED.

Producers 1, J. W. Holt, SE 1-4 of SE 1-4 of sec 2-20-16 dry; abandoned.
Producers 4, C. W. Lane, SW 1-4 of NE 1-4 of NW 1-4 of sec. 18-20-15; 325 barrels.
Busch-Everett 2, A. L. Pitts, 40,000,000-ft. gasser.
Busch-Everett 1, Etcheson, NE 1-4 of NE 1-4 of sec. 11-20-16; 110 bbls.
Blanchard 3, Surrey, SW 1-4 of SE 1-4 of sec. 12-20-16; 15 bbls.
Heywood 1, J. S. Savage, NE 1-4 of NE 1-4 of SE 1-4 of sec. 2-20-16; dry.
Hunter 3, E. K. Smith, SW 1-4 of sec. 1-20-16; 15 bbls.
Completed 7, producing 4, dry 2, gas 1, abandoned 1, new production 465 barrels.

DRILLING.

Producers 1, J. W. White, sec. 18-20-15.
Producers 1, J. Milam, SW 1-4 sec. 6-19-15.
Producers 1, Producers fee, SW 1-4 sec. 30-20-15 (Mooringsport); shut down at 2400 feet, with no show of oil. This hole is 840 feet east of the Gulf Ref. Co.'s producing wells on the Hostetter.
Producers 1, Rudersdorff NE 1-4 of NE 1-4 of NW 1-4 sec. 11-20-16; fishing.
Gulf-Broussard 1, Brown, sec. 18-20-15.
Gulf Ref. Co. 1, Cook, sec. 32-20-15.
Gulf Ref. Co. 1, Edwards NE 1-4 sec. 31-20-15 (Mooringsport).
Gulf. Ref. Co. 1, Nunnally, SW 1-4 sec. 29-20-15 (Mooringsport).
Gulf Ref. Co. 1, So Relle, SW 1-4 sec. 30-20-15 (Mooringsport).

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First National Bank, Beaumont
Gulf National Bank, Beaumont
Texas Bank and Trust Co., Beaumont

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Gulf Ref. Co. 1, Mason, SE 1-4 sec. 30-20-15 (Mooringsport).

Gulf-Broussard 1, Pitts, sec. 20-20-15, N side Caddo Lake, opposite Hostetter.

Gulf Ref. Co. 1, Curtis, NE 1-4 of SW 1-4 sec. 19-20-15, N side Caddo Lake.

Staiti 1, SW 1-4 sec. 31-20-15 (Mooringsport); shut down.

Caddo G. & O. 1, Glassell, SW 1-4 of SE 1-4 sec. 10-20-15.

Caddo G. & O. 2, C. G. & O. tract, SW 1-4 of SW 1-4 sec. 1-20-16; shut down.

Caddo G. & O. 1, A. C. & J. M. Dixon.

Busch-Everett 2, Pitts, NE 1-4 of NW 1-4 sec. 31-22-15.

Curtis and others 1, Caddo G. & O. tract, sec 18-20-15.

J. C. Trees 2, Stiles, sec. 27-21-16.

J. C. Trees 3, Stiles, sec. 22-21-16.

B. G. Dawes and others 1, Brown, NW 1-4 of SW 1-4 sec. 18-20-15.

Rogers 3, Rogers, (Lewis Station) SW 1-4 sec. 24-21-16.

D. C. Richardson 1, Richardson, NW 1-4 of SW 1-4 of SW 1-4 sec. 1-20-16; shut down.

Richardson 1, Nunnally & Richardson, SE 1-4 of SE 1-4 of SE 1-4 sec. 25-21-16.

Richardson 1, Guy, NE 1-4 sec. 32-21-15.

Merchants 1, La. Oil Co., SW 1-4 of SW 1-4 sec. 6-20-15.

Busch-Everett 1, Douglas, SW 1-4 of sec. 30-20-14.

Lillie 3, Thompson Lbr. Co .tract, NW 1-4 of NW 1-4 sec. 12-20-16.

Marshall 1, Cole (Blanchard, La.), sec. 33-19-15.

W. B. McCormick 1, Croom, SW 1-4 sec. 31-20-15. Mooringsport; shut down.

Gulf Ref. Co. 1, Christian NE 1-4 of SW 1-4 of SW 1-4 sec. 30-20-15.

Gulf Ref. Co. 4, Hostetter, SW 1-4 sec. 30-20-15 (Mooringsport).

Drilling 32.

RIGS.

Busch-Everett 1, Guy, sec. 30-21-15.

Rigs 1.

LOCATIONS.

B. G. Dawes, sec. 31-22-15.

Black Bayou 3 and 4, sec. 10-20-15.

Locations 3.

NOTES.

Producers 1 on the Producers fee land SW 1-4 of section 30-20-15, Mooringsport, about 840 feet east of Gulf Ref. Co. 2, on the Hostetter, is carried in the report as a drilling well, but since the report was prepared the well has been completed as a dry hole at 2400 feet. The sand from which Gulf Ref. Co. 2, on the Hostetter, is producing, was not found. This sand is between 2200 and 2300 feet. As a result of the failure to find the sand in the Producers well, the Gulf Ref. Co. abandoned its Hostetter 3, drilling in the same quarter section, near the dry one.

Producers 2, on the C. W. Lane, is reported doing 500 barrels; Producers 4, on the same tract, 325 barrels; Richardson 1, on the John Patzman, 350 barrels, and Richardson 2, on the Etcheson and Mayfield, about 100 barrels February 28. Gulf Ref. Co. 2, on the Hostetter, was reported making 175 to 225 barrels on the same date.

Gulf Ref. Co. 1, on the Nunnally, SW 1-4 of section 29-20-15 (Mooringsport), and Gulf Ref. 1, on the Curtis, NE 1-4 of SW 1-4 of section 19-20-15, on the north side of Caddo lake are each about 2300 feet deep, and are expected to show what they will do early in March.

The Texas Company will lay a 6-inch line from Caddo to Shreveport, making the latter place a distributing point. This company has purchased property at Shreveport, and it is reported will put in a refinery or skimming plant.

Since the above report was compiled, Brown Bros., drilling for B. F. Rogers, on the Rogers farm at Lewis station, in section 25-21-16, have converted the old Rogers 1, which was originally a heavy gasser, and had to be "killed" to prevent a blowout, into an oil producer. The exact capacity of the well is not reported, but it is said to be flowing 50 to 100 barrels from 1200 feet. It is two and one-half miles east of the Trees oil well in section 27-21-16, and two miles north of production at Caddo City.

JENNINGS.

COMPLETED.

Great Southern 1, Arlington 3 acres; pumping 400 bbls.

DRILLING.

Gulf Ref. Co. 3, Jennings fee simple.
Gulf Ref. Co. 27, Syndicate fee simple
Producers 72, Latreille 40 acres.
Producers 73, Latreille 40 acres.
C. O. & M. 39, fee simple.
C. O. & M. 42, fee simple, 50 acres.
Chgo-Jennings 11, Clement.
Heywood Oil Co. 11, Eunice-Crowley.
Drilling 8.

DRILLING DEEPER.

Gulf Ref. Co. 2, Jennings-Clement.
C. O. & M. 23, fee simple.

NOTE.

Producers 73, on the Latreille 40 acres carried as drilling above is the second hole, the first one having been lost while setting the 6-inch casing.

ANSE LA BUTTE.

COMPLETED.

None.

DRILLING.

Baton Rouge 1, La. Petroleum tract; tested at 1680 feet; no showing; to be drilled deeper.

Drilling 1.

NOTE.

Two new companies are preparing to drill in this field.

Lake 8, on the R. Martin will probably resume drilling about March 10. It was shut down February 28. Grow 1, on the N. Patin and J. Y. S. 1, on the A. Martin, were also shut down on that date and none will be carried as drilling until work is resumed.

INCORPORATED.

Texas.

Southwestern . Prospecting Company of Houston; capital $5000. Incorporators: J. J. Hines, August Witt, N. J. Richardson, Julius Koimn. Purpose to prospect for oil and gas.

Martha Oil Company of Liberty and Beaumont; capital $10,000. Incorporators: Bert Gooderham, J. E. Pew, Wirt Davis.

Clem-Ballard Oil Company, Dallas; capital $20,000. Incorporators: James S. Ballard, A. W. Clem, Thos. R. Tennant.

Certificates of dissolution were filed by the Clem Oil Company of Dallas, and the Ballard Oil Company of Dallas.

Lynn Oil Company of Beaumont; capital $10,000. Incorporators: Lynn Gilbert, S. W. Pipkin, W. C. Averill, W. B. Dunlap, J. E. Broussard, I. R. Bordages and Ambrose Merchant, to operate at Sour Lake, has taken over the properties of the old Sour Lake Oil Company, located partly in the townsite tract, and partly in the Shoestring tract. Lynn Gilbert is manager of the company.

The San Antonio Gas and Electric Co. filed an amendment to its charter, increasing its capital from $500,000 to $984,000.

Orange County Oil Co., of Orange; capital $10,000. Incorporators: W. H. Stark, president; L. Miller, Mayor E. W. Brown, J. W. Link, F. H. Farwell and others.

The Carbondale Oil & Gas Company, of Carbondale; capital $40,000; purpose drilling for oil and gas near Carbondale. C. W. Eby and others, stockholders.

Louisiana.

Delcambre Oil & Mineral Company of Abbeville, La.; capital $25,000. Directors: Felix J. Richard, Homere Landry, A. T. Delcambre, Joseph A. LeBlanc, Alphe A. Leleux and Louis Nussbaum.

Wilkinson Developing Company, of Gueydan, La. Officers: E. Teter, Sheridan, Ind., president; A. B. Wilkinson, vice president; E. E. Broussard, secretary; J. G. Neelis, treasurer; Caesar Broussard, general manager.

The Baton Rouge Oil and Natural Gas Company, of Baton Rouge, has been organized with a capital of $200,000. The object of the company is to develop the oil field in the Deerford neighborhood, where what is thought to be valuable oil and mineral rights have been secured. There have been strong oil indications in this neighborhood, and those interested in the company recently sent an oil expert there to make a careful examination. He reports that the indications are favorable for oil. Arrangements have already been made to sink a test well, and an experienced driller from the Jennings field will be here in a few days to begin work. The field is on the line of the Zachary and Northeastern, a branch of the Yazoo and Mississippi Valley road, and is easy of access. The following are the officers and directors of the company to develop the Deerford field: Thomas J. Kernan, president; Alex Grouchy, Jr., first vice president; D. C. Fitche, second vice president and manager; F. B. McQueety, secretary and treasurer. S. I. Reymond, Joe Gebelin, A. Doherty, Jr., Eugene Cazedessus, Charles McVea, Solon Farrnbacher and H. L. Puckett.

Oklahoma.

Aurora Oil & Gas Company, of Tulsa, incorporated with $5000 capital stock by George C. Probst, J. W. Carlstrom and David M. Hammet.

The Clayco Oil & Pipe Line Company is now supplying Henrietta and Wichita Falls, Texas, with natural gas from the Petrolia field. The company had about thirty-five connection in each town on February 24, and is installing new meters every day.

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Published on the Sixth and Twentieth of Each Month at 910-912 Texas Avenue, Houston, Texas.

Subscription Rate: $4.00 a year, payable in advance; for foreign subscription, add $1.00 for postage.

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ADVANCE IN SUBSCRIPTION RATE.

Hereafter the subscription price of the Oil Investors' Journal will be $4 a year, and single copies will be sold at 20 cents. To allow for extra postage, foreign subscriptions will be $5 a year. The news and statistical reports published in this paper are constantly being increased in scope and in volume, entailing additional expense, and it is the policy of the management to continue to put in new features as rapidly as the income will justify.

REMOVAL OF PETROLEUM DUTY.

Late advices from Washington indicate there is real danger that the countervailing duty on petroleum may be removed. Since the oil industry of the United States came into existence fifty years ago no matter so vitally affecting its interests has arisen.

It is up to every oil man individually to exert his utmost efforts to make plain to the member of congress from his district, and to the senators from his state, just what the removal of this duty will mean to the oil industry of this country.

It will mean that when the immense supply of oil which exists in the prolific pools along the Gulf coast of Mexico shall have been developed, the surplus over and above the moderate needs of the republic south of the Rio Grande, will seek the nearest market—the United States.

It will come into direct competition with the crude product of this country, and, being convenient to the sea, it will be laid down at any point on the Atlantic coast at a minimum cost of transportation—a cost certainly not greater than an ordinary rail haul of 250 miles in this country. With the completion of the Panama canal it will menace the California industry.

It should require no argument more than the presentation of the bare statistics of production and consumption to convince congress that the prosperity of the industry in our Southwest is already threatened by an immense surplus of output in Oklahoma.

And the blow that would come to the oil industry of the United States as a result of the proposed action would fall heaviest upon the producers of the Southwest—Oklahoma; Texas and Louisiana. The fuel oil shipments from these three states last year amounted, in round figures, to 12,500,000 barrels. Most of this oil was from pumped wells. A deluge of cheap crude from Mexico, the next adjoining country on the south, would detroy all chance of producing oil in Texas and Louisiana at a cost small enough to make competition even remotely possible. As the fuel oil demand is practically the sole basis of the Texas and Louisiana crude market it would mean the destruction of this market in so far as the local producers are concerned.

Sandwiched in between a flood of production in Oklahoma and a flood of cheap fuel oil from Mexico the producers of Texas and Louisiana would literally have no more show than the proverbial dog with tallow legs would have of overtaking an asbestos cat in hell.

Directors of the Manufacturers' Light and Heat Company of Pittsburg, Pa., last month elected E. H. Jennings, one of the best known financiers and oil men of Pittsburg, president of the corporation. H. B. Beatty, the former president, is to continue as a member of the board and directly connected with the management.

THE TEXAS COMPANY INCREASING ITS PIPE LINE FACILITIES AT FOUR POINTS.

The Texas Company is starting pipe line construction at four points in Oklahoma, Texas and Louisiana. The new work includes a loop between Stuart and Armstrong, Okla., on the 8-inch trunk line from the Glenn pool to Texas, and a loop between Sherman and Dallas, Texas, on the trunk line, both of these being 8-inch pipe. The Cushing-Woodworth Construction Company has the contract for the Sherman-Dallas work The loops will add not less than 3000 barrels to the daily capacity of the trunk line, increasing same to above 20,000 barrels.

A 6-inch line will be built from The Texas Company's station in the Caddo, La., field, near Caddo City, to Shreveport, 20 miles south. This line will follow the Kansas City Southern right-of-way for the greater part of the distance. It will cross several railroads, including probably, the T. & P., H. E. & W. T., V., S. & P., L. R. & N., Cotton Belt and Katy, and will afford an outlet for rail shipments over these lines. At present the only shipping facilities are those at the field, on the K. C. S. line.

Under certain conditions The Texas Company may build a refinery at Shreveport. The company has acquired property and its policy in respect to the refinery will be determined by later developments. At any rate the construction of the line makes it assured that Shreveport will be the distributing point for Caddo oil.

The Texas Company is also building another 6-inch line from Nederland to its refinery at Port Arthur, a distance of about 8 miles. This will make four lines which the company will have between these points.

Dennis McMahon is in charge of the Oil City-Shreveport construction.

MAJOR OTLEY'S LETTERS ON GEOLOGY AND OIL DEVELOPMENT OF MEXICO.

The first of a series of letters from Major J. W. Otley on the geology of that portion of Mexico lying north of Tuxpan and along the gulf coast, taking in the Ebano development and that at other points, including Dos Bocas where the wild well is located, is published in this number of the Oil Investors' Journal. Major Otley is now in Mexico and will remain there for some time to come, conducting his investigations as to the geology of the country. He presents his observations in plain language, understandable to the layman, and avoids the use of technical terms wherever possible. The Journal considers itself fortunate in being able to offer its readers these letters on such a timely subject and from such an authority. In his next letter Major Otley will tell of the wild gusher at Dos Bocas and will have something to say as to the probable effect of the development of Mexico's petroleum resources on the markets of the United States.

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THE TANK STRAPPER'S COLUMN.

ODE TO SPRING.

(Published without compensation and without recourse.)

"Spring and the daffodils again!"
I heard the lilacs blooming on the lawn.
The throstle's quiv'ring note was shaped like pain;
The green buds tasted rosy, like the dawn.

The bramble's tender shade, so lately born,
Enthralls the vagrant ear with joyful smells;
While pussy-willows hail the spicy morn
With balmy, fur-like notes from pungent dells.

O! Let my swiftly thirsty nostrils drink
Thy verdant odours—ever graceful forms,
And fill my voidsome optics to the brink,
With gladsome madrigals that smell like storms!

—J. B. M.

We have known Jimmy Mayberry these many moons, but we never suspected that behind, beneath, under or inside his sober and business-like exterior there throbbed a poet's soul, yearning to break out in gladsome song, like the pimples breaking out through the tender skin of a 16-year-old boy's face, or the bubbles rising on the surface of a pot of boiling cornmeal mush. Ah, Jimmy, 'tis good to be assured that there is another, here in Bayoutific Houston, who feels the influence of the budding spring, the magic of the stars, the sweet anguish of a poet's soul! Nevermore will our sad spirit feel alone, when we sit and from our chamber window feed upon the mystic radiance shed by that pale mistress of the night—the moon. For we will know that somewhere within the city limits, breathing the same air, thinking the same unthinkable thoughts, yearning the same underfinable yearnings, there is a sympathetic soul, labeled "J. M. B.". Shake, fellow poet! From now henceforth our souls will throb in unison.

We append a communication from Jimmy which accompanied the manuscript of the poem which heads this column:

The Dovecote, Tuesday, 1909.

Mr. Editor:

The sight of your Spring Suit aroused within me thoughts of the tender season which is full upon us, and recalled to my mind an Ode which I wrote in the winter of 1907 and which I fondly hoped would blossom into print last Spring. It ran the gauntlet of the only two periodicals in America which I then deemed worthy of it, bringing forth only the usual touching regrets. Why I should not at that time have thought of your esteemed publication is inexplicable to me; but perhaps it was because I had not before me at that time those shining examples of your tenderness and sympathy as have since been directed toward such subjects as Markham, Anse la Butte, Caddo and Goose Creek. At any rate, I hasten to advise you that I have now rearranged my list of preferred publications as follows, the preference running in the order in which they are named:

The O. I. J.
Life.
Town Topics.

It is a strange thing to confess, but I never until yesterday (after seeing your new Spring Suit) conceived of the O. I. J. as an aesthetic publication; although I am free to testify (to your great gratification, I am sure) that I always instinctively turn to the Tank Strapper's Column even before looking for the record of new wells and production of Markham, Anse la Butte and Goose Creek. I know this impulsive action on my part will be a source of satisfaction to you, for you are directly responsible for the Column in question, whereas I, for one, am convinced that you are in no degree to blame for the paucity of interest so painfully apparent in respect to the news of the three places named.

Had I the time and were I permitted the space in your valuable Journal, it would give me great pleasure to inform your readers in regard to the value of mixed metaphor which, like the Irish Bull, has the peculiar quality of fixing the reader's apperception most unexpectedly. And mixed metaphor is not so extravagant as would at first appear. For instance, only last week I heard a lady remark that she felt like brass tastes, which, knowing the lady's condition as I did, was an exquisite and forceful descriptive.

Another mixed metaphor which is in very common use in America is: "I feel like h——l". It of course is manifestly impossible for an organism to have feelings like an inorganic thing. Now some may object to my describing hell as "inorganic," but I beg them to understand that I use the term in a purely scientific sense, and do not mean to imply that the force which works therein is not well organized. From all acccounts it is the very acme of organized efficiency and would compare favorably even with Standard Oil. Now, this phrase which is so generally accepted and used by our people is a glaring example of mixed metaphor of the most paralogistic order, but, notwithstanding this fact, no doubt is left in the hearer's mind as to the condition of the person using the expression. We know at once that he is in a deplorable state.

I only wish that the same definiteness might attach to the metaphors of my Ode. For instance:

"I heard the lilacs blooming on the lawn"

has a very definite meaning to me—the poet. And to say:

"The throstle's quiv'ring note was shaped like pain

is to be very exact and at the same time delicately descriptive.

"The bramble's tender shade"

will be easily comprehended by all sentimental bromides; while the line that perhaps will present the greatest difficulties will be:

"Enthralls the vagrant ear with joyful smells."

As I say, I wish that the metaphors in my Ode might convey their hidden meanings with as much certainty of descriptive force as does the other notable metaphor cited; for I wish to share with the world (and more particularly with the cultured readers of your valuable Journal) The poetic thoughts which the greatest and tenderest of seasons arouses within me.

I am, Sir, with deep conviction of your greatness,

Your Very Devoted and
Humble Servant,
THE POET.

P. S.—I am glad—nay gratified, that the other papers did not publish my Ode, for I believe it is a fine thing to "keep Texas poetry in Texas."

We do not deny the truth of the report that the real object of E. H. Harriman's visit to Texas was to find out for himself the reason why he was not getting his Oil Investors' Journal regularly. And it is no breach of confidence to say that the only reason he was not getting it was because he had

not sent in his subscription and the necessary four, large, juicy plunks. Moral: You needn't come. Send the money.

Bill Lyne, who went to Mexico with John Crotty and Clint Wood, says that John and Clint came to the hotel one night and narrated the circumstances of a fearful fight they had had with a Mexican woman. They confessed that she had made them take the count, but asserted that they would have won the decision but for the fact that they had only their fists while she had a pair of crutches. Bill's oil dope is usually straight, so we must accept what he says as true until the accused pair introduce competent evidence to disprove the story.

Billy O'Neil, the Iron Man, of Independence, Kan., recently threatened us by postal from Shreveport thusly: "I'll show you how to play pool in your own town soon." Missouri is our native state. We are of an optimistic temperament and we live for the future, and the future only. If we desired to recall the horrible past we would remind Bill of the awful French pool beating we gave him at Tulsa last summer. Come on, old Rig Irons, we have our cue chalked and Ab Moore will referee the game.

Ab Moore disappeared from Houston last week. It was rumored he was in New Orleans, doing the carnival, and that on Mardi Gras night one of the revelers tried to unmask Ab only to discover that it was Ab's real face he was trying to remove.

Clint Wood supplies one on Walter Fondren and Ras Landry. He says they got lost in the woods above Beaumont. They had a compass and were able to determine which was north and which was south, but couldn't tell which was east and which was west. This is pretty nearly as bad as the fellow who didn't know straight up. But we can't all be sailors.

Since he went to Orange with a comic opera troupe, and caught the train for home at the water tank next morning, they are calling him "Pretty Patty Patterson, the Chorus Girls' Delight." We knew it was in him!

Subjects suggested to the Oklahoma legislature for official inquiry:

"Who struck Billy Patterson?"

"Why are eggs round instead of square?"

"Why should the cheese have holes in it when there ain't no holes in the butter, which is just as old?"

Tabasco, Mex., Tageblatt: "As if this superheated atmosphere, saturated with moisture and infested by octillions of 'skeeters, was not enough for a tropical editor to stand, we have had of late to suffer an invasion of our sanctum by a horde of spring poets. We are worn to a frazzle. Don Santiago Carter has tried to relieve us by standing 'em off with a gun six hours a day, but they break in on us in the siesta hour when even a respectable alligator slumbers."

Tell us the truth, Jimmy Mayberry—did you try it on that Tabasco editor before you brought it to us?

A Pittsburg man asked his girl to sit on his lap, which she did; then he asked her to kiss him, and when she was about to favor him with one of her sweetest he slashed her with a razor. That's what we call murderous ingratitude. He completed the job by leaping from a window and dashing his worthless brains out on the pavement.

Anent the portrait of The Rattlesnake Kid which appeared in this column February 20 a reader writes: "It looked like an escaped Delmar Garden side-show product, the outcome of a severe attack of the jimmies or Joe Bailey's private detective. It is hideous, horrible and humiliating, but it goes to show that you are not overcome with a sense of vanity and false pride. How on earth could you do it?" Well, we didn't do it on the doctor's advice, and we didn't do it to spite anybody. We just thought that hat and vest were worth putting in the record. But we didn't think as much of the face.

A feminine reader who is a city missionary has lined up with the great majority. "A missionary journal and the O. I. J. are sufficient for me," she writes. "Will cut out the Ladies' Home Journal." Who will say that her discrimination is not positively discriminatorious?

SEE HOW THEY CRY FOR IT!

A. F. Roach, whose sentence of solitary confinement at Welsh, La., expired last October, and who has been in California since that time, sent us a letter on February 18 by slow male—Wiggs of the Boiler Patch. It reached us March 2. Hear his sad plaint:

Dear Sir—The last copy of your valuable Journal I received was date of October 20, 1908. I have refrained from writing you of the shortage for reasons. One was because our typewriter is a beautiful little Peroxide Blonde, all done up in pink ribbon and glad rags, and I was afraid to dictate my thoughts to her. Then I thought, perhaps, you had gone to Markham with Murray Doan to watch him build earthen tanks, and when you got home would send a couple of months papers by freight, or by some person coming out to California. But as the freight train from Texas arrived yesterday, bringing our mutual friend, Mr. Wiggs, and no Journals, I determined to beard the lion in his den, and so am sending you this little message by the gentle hand of Mr. Wiggs, and for fear you should be so exasperated upon learning of my neglected condition (probably caused by the devil in your office) that you can not express yourself, I am enclosing you a railroad ticket, so you can come as live freight. Don't forget to bring the Oil Investors' Journal with you from November forward. The last on file is October 20, 1908. My address is Coalinga, Cal., care Imperial Oil Company. Sorrowfully yours,

A. F. ROACH.

We have seen railroad tickets and railroad tickets, but this California specimen has them all backed off into the garbage pail. Lord help us to forget it! It is keenly disappointing to us to know that Roach has been able to live four months without the O. I. J., but we look at the matter philosophically, realizing that disappointments are bound to come to the best of us. (We are secretly hoping that that Peroxide Blonde may get a glimpse of Roach's letter. If she does, we will read in the Los Angeles Times something like this: "Shocking Oil Field Tragedy! Peroxide Blonde Wields Hat Pin With Deadly Effect! Killed a Roach With One Swipe!")

DICK O'TOOLE, GAUGER, TELLS OF LOSING A FIVE-DOLLAR BILL.

Peter J. Dunne created Mr. Dooley, that wisest and wittiest of Irishmen, who has entertained us when all others have failed. One of the oil gang in Texas, whose modesty impels him to withhold his name, gives us Dick O'Toole, an Irishman of "th' owld sod" type, and we introduce him herewith. His brogue is the real flannel mouth. We have all heard it—whether working "on the section," in the ditch, "carryin' th' hod," or on "th' foorce:"

Strolling into the pump station, where the connection gang was eating dinner, Dick seated himself on the end of the feed pump, filled and lit his pipe, took a couple of preliminary whiffs, and opened the conversation.

"Did ye iver lose anny money?" Looking around the circle and receiving no reply, he took it for granted that he was expected to continue, and resumed: "I don't mane the pinnies and nickles ye put in th' shlot meshanes, the dollars ye put in th' lotthery an' going to shows fer min only; nor yit the shtock ye bot in goold mines an' other binivolent intherprises. But to lose it unbeknownst loike, to drop it on the pavemint, in a shtreet caar, or to shtick it intil the atmusphere, whin ye thot ye were placin' it in yer visht pockit, or down in yer overalls, more loike. Thot's the koind av financeerin' thot makes me fale loike bitin' off me own ear, and kickin' the poor pig out av the warrum kitchen intil the shnow.

"Divil a bit do I moind the few dollars I sind asthray invistin' in somethin 'r other or havin a bit av a laark, fer we all have a drap av shportin blood in us. But I'm thinkin' a man niver gits so rich thot he don't howl loike a wolf whin a dollar gits away, an' he can't check it off agin a pail av suds, a little game av caards; a black eye, or some aqually innercint amoosmint.

"Well, thin, twas lasht T'anksgivin avenin, Mary Ann ses, 'Dick, ye bether be afther gittin yer toorky for t'morry.'

"The ould lady bein purty busy, fadin' the chickins an' pigs, cookin' a bite now an' thin; raisin ate or noine childher, an' havin a retirin disposishun as well, I does the mosht av the markitin; an had already towld Phalen to put away a burrd fer me to be t'ankful over.

"So tuckin a foive intil me roight hand visht pockit, an litin me mereshum, I wint down to Phalen's.

"I santered in wid me chist trun out. (Iver notis how ye koind av swell out whin ye go to buy a toorky. Taint loike liver er sassage.) Well, Phalen brot out the burrd. Aha, 'twas a foine one, lookin mosht too good to be thrue—eighteen pounds drissed, or rather undrissed. Phy th' divil they call a burrd drissed wid its feather aff

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I dunno at all. Would I be drissed wid me ppants off? I t'ink not.

"Well, Phalen wrapped it up nate an shtrong, and shoved it across the counther at me. I tuk it be th' legs, at the same toime falin in me pockit fer the foive, an' wondherin wud there be change enough lift t' pay me caar fare home. I run it over in me hed—eighteen pounds at twinty-foive cints th' pound—ots a ot—foives a foive—ates a ate—an one's a one—cancil th' ot, abshtract th' foive, an' trow away th' ate. Yis, I wus all roight, I hed a fifty-cint dhraw out av' the foive. Whin suddenly it dawned an me—th' foive was gawn!

"Byes, a cowld prisperupshun oozled out av we fored. I changed hands an' dipped intil me lift hand visht pockit where I usually don't kape me watch. Nawthin doin'. Back to the other soide, I dug intil the dinky little pockit above the one I carry me atin tobaccq in—drew a blank. Cross over and down th' lift; wus it there? It wus not.

"Me laads, th' O'Tooles aint narvis, but there's where I shlipped me trolley. Me hands lept frum one pockit t' another loikes a mountin chemise leps from craag t' craag. Chemise? I t'ink thot's the wurrd, annyhow' tis a koind av Dutch goat. I tore up an' down me person, divin' intil this pockit an' lungin' intil thot, althernately takin' th' toorky be th' legs an' lettin' go agin, thin scratchin' me hed, and shratenen me tie be way av devarshun. An' Phalen, th' chatterin' ape, shtandin' there shtrokin' his dinnegals an' grinnin' loike an ould tom cat. 'Twas murdher I hed in me haart whin he asked me 'Did I have fleas?' I ignored him an' continnied me mad race fer wealth. Among other likely places I remimber lukin' in me hat, in me bag av Mail Pouch, an undher th' lapel av me coat. Pon me sowl, byes, I dom near tore me clothes off huntin' thot foive.

"But gradooly it wus foorced intil me bewildhered brain thot me an' me foive hed paarted coompany. I suddinly stratened up an' rasoomed me dignity. Goin' down intil me insoide visht pockit I tuk out the invilip containing' th' rint money; carefully exthactin' a foive frum the two ones, an' dhrawin it a toime or two betwane me thum an' forefinger to mek sure there wusn't a tin shtickin' to it, which I knew there wusn't. I laid it on the counther.

"Phalen handed me me change an' I lift fer home widout the formality av sayin' good night. He thried wanst afther to apollygize, but I waved him off sayin, 'Twas nawthin, Phalen, I aften mishlay a bit av change thot way.' I wuddent let the tarrier know how bad I was stung or thot I hed to touch me cousin Moike fer the December rint. I t'ink Phalen's a Nort' av Ireland mon annyhow.

'I nivver mintioned the matther whin I got home. Mary Ann's a good woman, an' it's not me wud say a wurrd agin her; but she niver give me credit fer bein' th' aqual av J. Bluepint Morgan in money matthers, an' she moight hev sed somethin unbeknownst to her thot wud hev touched a raw shpot, fer byes, I'll confiss I wus a bit pinsive all avenin'.

"Well, t'ings run along till the nixt Maarch, about St. Patrick's day, I t'ink it wus, an' in th' rush av other matthers (as th' bisness min say) th' foive was clane fergottin. This was long befoor I got intil th' ile bisness. I wus wuurkin' out at th' dead thracks in Sout' Chicaggy; plum out an th' prary—wus it cowld? It wus, me bucko—ye don't nade another guess—the wind swapin' acrass the prary, screechin' loike a cat wid its tail fasht in a dure, an' nawthin to shtop the foorce av it but a barb wire fince, an' it is little wind a barb wire fince will shtop, dye moind.

"Casey wus me paardner out there. 'Tis him thot's an the foorce in Chicaggy now. He meks a foine lukin' coup—I guess not—wid his long scraggly nick shtickin' out av his clothes loike a sheep's hed tru' a fince—his big Adam's apple showin' up loike a hubbard squash in a bag; shtoop shouldered, an' a walk an him loike a goose wid a frozen fut. I've seen betther favored min than Casey, but he's a good frind, an' I brek th' face av th' man thot'd shlander him.

"Some days the wurrk was a bit shlack, an' him an' me ust to loaf in a desarted watchman's shanty whin we had a few momints to shpare. Wan day we wus settin' be a shmall shtove we hed med out av a lard can. Casey wus thawin' a frosted finger—mine wus thawed. I wus pickin' bits av broken matches, dust an' other dabree (Thot's a foine wurrd) out av me visht pockit, whin I diskivered a hole in th' carner av it. Down I goes invistigatin'—more broken matches—more dabree—whin be me sowl, a shock wint tru me loike the prod av a pin! I'd found somethin—an' it wusn't losht Charlie Ross, ayther. Iver notis how quick ye kin till the fale av money? I drug it out av its hidin' place and hild it to the foire, cautiously, be the way, so Casey wuddent see it, fer I didn't

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know but mebbe I'd shtole it in me shlape.

"Me moind flashed over me pasht loike a paneramy—rint, coal, shoes, groceries—No, I haden't fergot anny me bills. Thin I remimbered the toorky—Phalen—an' the lickin I mint to give him—'twas me long losht foive! O'Toole had come intil his own!

"Byes, I wus rattled whin I losht it, but be the saints I was looney whin I found it. 'Tis no great soight av money, is foive dollars, but to foind it so onexpicted loike, in a sicond, in th' twinklin' av an oye, so to shpake—I was mad wid jye, me haart joomped around insoide me ribs loike a rat in a caage. I puffed an' blowed loike a fat woman climbin' shtairs. I'd a bushted woide opin hod T sat there, so I got up and shtomped me fate, an' t'rashed me arrums aroun' loike I wus thryin' to kape warrum. They say jye niver kills, but me laads, thim koind av experyances mushn't come too aften t' yer Uncle Dick.

"Prisintly, me thranspoort havin' in a measure subsided, I filt I musht cillybrate the jyful occasion in a becomin' manner.

"'Casey,' ses I, 'would you loike a pail av beer?' Casey shot a shtartled luk at me loike he thot I wus insane. But thirst overcome his fear, an' be way of answer he got up and kem over to me wid the bottom paart av his dinner buckit in his hand. I give him fifteen cints in Bill Bryan currency, which I knew wud fill th' pail. He wint out the dure fashter than he iver wint to wurrk, cashtin' a backward glance over his shouldher, to see wus I persooin' him, or showin' anny soines av a moind deranged.

"In about t'ree minutes, or mebbe foor, Casey wus back wid a pail av th' feshtive hop wather. 'Twas remaarkable how quick he med th' round thrip—I niver see any one who cud devour shpace as raapidly as Casey whin in persoot av booze. As I was drinkin' nawthin in thim days, the pleasure wus all Casey's, an' roight manfully he bore up undher the burthen.

"It didn't seem more than tin minutes, tho' it moight hev been elevin, till Casey was cashtin' inquirin' glances in me direcshun, an' he weren't anxious as to me sanity, ayther. The divil wus wundherin' if I wus aisy, an' I wus. 'Is it another pail av beer ye want, Casey?' ses I. 'Th' same,' ses he, one hand howldin' the pail, th' other outstretched. I crassed his palm wid fifteen cints more av the sixteen to one, an' away he galloped.

"Foor toimes I t'ink it wus, Casey med the dash frum the shanty to the foam factory, tho the lasht dash were med wid less celerity than its preedesessers (Maark the wurrds' byes, niver thrusht thim koind t' yer mem'ry.)

"Come six o'clock, Casey confided to me th' shtartlin' intillygince thot he hed losht his sinse av direction, an' asked me wud I koindly lade him up to th' turn table, an' unwoind him a turrn or two till he rekivvered his mental poise.

"He got home a' right, fer the nixt marnin' his woife towld Mary Ann thot Casey kim home the noight befure turribly intoxified. She sed she cudden't undhershtand how Casey cud git so ondacintly dhrunk in the coompany av a timperance man loike meself, an' no more cud I."

CUSHING-WOODWORTH CONSTRUCTION COMPANY.

W. T. Cushing, formerly general superintendent of pipe lines for The Texas Company in Texas and Louisiana, and W. W. Woodworth, earthen tank contractor, have formed the Cushing-Woodworth Construction Company, and will do a general construction business, including pipe line, fuel oil and natural gas installations, also earthen tanks, and will contract to drill wells. They are located at room 510 Paul building, Houston.

NOTES.

Alex. McCullough, formerly located at Jennings, Caddo and Houston, is now at Laredo, looking after gas development.

W. Daviess Pittman of St. Louis, who is interested in Texas lands in the Brownsville region, was in Houston March 4, en route to the Rio Grande.

DEATH OF ALFRED L. SNELL.

Alfred L. Snell, for many years editor and chief statistician of the Oil City Derrick died at Oil City, Pa., February 24, after an illness of two weeks. Mr. Snell contracted a severe cold which was not considered serious until an internal abcess formed, followed by a chill, which resulted in his death. Mr. Snell was a veteran among the older school of Eastern oil men and due to his statistical reports and active connection with the Derrick for many years was well known throughout the oil industry of America. He was a man of excellent ability, painstaking disposition and an upright character that commanded the respect of his friends and business associates alike.

Mr. Snell was 55 years old, having been born at St. Johnsville, N. Y., October 20, 1854. He was prepared for college in the public school in St. Johnsville, entered Cornell in September, 1872, and abandoned his university course on account of the death of his father in December, 1875. He was married in June, 1883, at St. Johnsville, N. Y., to Miss Mary E. Horn. Besides his wife, he is survived by one son, Alfred J. Snell; one sister, Mrs. J. H. Reaney, of St. Johnsville, and two brothers, W. J. Snell, of Davenport, Iowa, and John B. Snell, of Baltimore, Md.

He was a member of the Oil City lodge, B. P. O. E., and an attendant at the Second Presbyterian church.

The funeral services were held at the home of the deceased, West Third and Innis streets, Oil City, Pa., on February 26, the remains then being removed to his birthplace, St. Johnsville, N. Y., for interment.

WELSH.

Five wells were producing at Welsh February 28, the aggregate output being 65 barrels. The Metropolitan had 1 in operation, the Central City 3 and the Rio Bravo 1. The Metropolitan and Rio Bravo wells were making 25 barrels each and the 3 Central City wells 20 barrels in the aggregate. The 2 Hill Top wells were idle, the Welsh Company's well had a fishing job, the Taber well was idle and the work of cleaning out the Woods well had been suspended. Stocks of oil at Welsh are estimated at 35,500 barrels.

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GEOLOGY AND CHARACTERISTICS OF THE REGION NORTH OF TUXPAN, MEXICO.

BY JOHN W. OTLEY.

TAMPICO, MEXICO, February 27.—(Special)—As long ago as 1830 William McClure, the father of American geology, visited Mexico. In his report, as published in the American Journal of Science, he says "the regular order of original stratification was so much deranged throughout the country by the intimate and frequent alternation of volcanic rocks, as to have subverted the order of nature and to have changed the class every mile."

Since the days of McClure's visit numerous travelers in the interest of science have made interesting notes, but their observations have not been intelligently correlated, and while some advance has been made, there is yet surprisingly little known about the geology of Mexico.

The mountain system nearest the eastern coastal plain, has been fairly well marked out. The exposed limestones are upper carboniferous. The only cretaceous limes, so far observed, seem to cap the low hills surrounding or flanking the embayments of the coastal plain section.

Please bear in mind the writer refers to that country north of Tuxpan and bordering the Gulf of Mexico. Beginning with Tuxpan and keeping north on this plain, interrupted with hills and hillocks, some of which almost touch the waters of the gulf, and extending some seventy miles back we have the geography and topography of the coastal oil fields of Mexico.

The development work is in its elementary stage. The Ebano people—(Mexican Petroleum Company), are the pioneers of this section and represent California interests.

Their active wells are near the railroad station Ebano, about fifty miles from Tampico on the San Luis Potosi division of the Mexican Central railroad. These people have quite extensive works and handle from ten to fifteen thousand barrels of crude oil daily.

The oil horizon varies in position running from sixteen hundred to twenty-seven hundred feet.

The producing rock appears to be an avenaceous lime, some sample that I have seen appear to be tufaceous. This is not unlikely as the thermal condition of the oil in the wells so far brought in would indicate activities tending to bring about such results.

I refer to the gushers and flowing wells. The material taken from the pumpers is more dense. The gas attending these oils is a strong and rank sulphuretted hydrogen. The occurrence of this petroleum or more properly "maltha" is about a quaquaversal, or along the axis of a well defined anticlinal. The quaquaversal movements are generally surrounded by low marshy plains. The anticlinals, however, run nearly north and south and their axes can be followed for miles. They are marked at frequent intervals by the "chapopate" beds on the surface. It is safe to exploit on nearby lines parallel to the axis of an inticlinal if you are careful to know you are about it; it is quite unsafe to follow the lateral beds, as these are made by the malthitic ooze along the way of least resistance through the overlying shales, sometimes finding an outlet at some distance from the axis of the fold.

The gravity of these oils is low, running from 10 degrees to 16 degrees Beaume.

The very heavy oils, in order to make them acceptable as fuel, are processed as follows: A distillate of the lighter hydrocarbons is taken off and mixed with the heavy crude, bringing its gravity to 16 degrees or 18 degrees Beaume. The residual from the distillate is asphalt, for which there appears to be a ready market in this republic.

The drilling is done mostly by standard tools; rotaries, however, could be used to great advantage, but the rock in which the liquid is found is quite dense and hard at the top and the standard tools should be used. The entire substrata for 1500 or more feet is of dark bluish green shale, and seldom, if at all, is any sand or water encountered.

The parties now actively engaged in exploiting for this interesting compound are the Mexican Petroleum Company, S. Pearson & Son., Ltd., the McKay syndicate, supposed to be representing the Harriman interests, and John Leonard, representing the Dawes interests, of Chicago. In my next letter I will take up the mysterious Dos Bocas well, and the probable effect of Mexican crudes on the markets of the United States.

T. J. Stephens, representing the United States Flexible Metallic Tubing Company of Los Angeles, was in Beaumont February 19 and 20, and in Houston February 23.

John Considine of the Petroleum Iron Works, of Sharon, Pa., was in Houston, March 1 to 5. He is a brother of Joe E. Considine in charge of the shipping department of The Texas Company.

LISTEN!

Would like to talk with you a moment, if interested in oil development. Am not a geologist, neither have X-ray eyes. While ditching in early days of Sour Lake field, made discovery concerning surface indications. Have made extensive investigation since my find. All fields, Texas, Louisiana and Territory absolutely verify my discovery. Have finest evidence in existence (all the developed fields).

Can tell exactly where oil pools are located in earth. Can trace boundary lines of pools closely. Makes no difference how much you have studied oil, geology or science, you can not dispute successfully my claim. As there are many surface indications, I need capital to develop land I have in view. Give me a chance to prove claim. Am not a public oil hunter. If you want to make money, come to see or address T. J. C., Bonney, Brazoria county, Texas.

SUITS AGAINST DEFUNCT OIL COMPANIES.

Suits have been filed at Beaumont to enforce collection of franchise taxes due the state of Texas, and for forfeiture of charters, against the following defunct oil companies:

Milwaukee National Oil Company, Star Pelican Oil Company, Southwestern Oil and Steamship Company, Pelican Oil Company, New York Exchange Oil and Refining Company, Missouri Oil Company, Mississippi-Beaumont Oil and Transportation Company, Texas-American Oil Company, Texas Oil and Land Company, Beaumont Transportation Company, Alpha Oil and Mineral Company, Higgins-Standard Oil Company, American Union Oil and Refining Company, Broncho Oil Company, Big Hill Oil and Development Company, Aaron Mining, Oil and Gas Company, Metropolitan Oil Company, Globe Land and Oil Company, Beaumont Hitchcock Oil Company, Los Angeles and Beaumont Oil Company, Marion Oil Company, Capitol City Oil and Land Company, Neches Oil and Land Company, Sterling Oil Company, Hirshfield Oil Company, German-American Oil Company, Texas Petroleum and Refining Company, Beaumont Associated Oil and Wells Company, Yetta Oil and Development Company, Continental Oil Company, Hawkeye Consolidated Oil and Pipe Line Company, Gilt-Edge Oil Company, Mutual Oil Company, Texas Live Oak Oil Company, St. Louis Mutual Beaumont Oil Syndicate.

DRILLING NEAR VALE, OREGON.

VALE, ORE., Feb. 25.—(Special)—Natural gas was struck in the Ontario well, drilled by the Ontario Oil & Gas Company, at a depth of 2250 feet, which is 30 feet below sea level, in dry sand. From reports the well will show over a million cubic feet. Several drilling rigs are working in the field close to Vale, and as oil bearing sand is being found it is a foregone conclusion that this district in a short time will be the scene of excitement. A blow out on February 15 showed the presence of gas in abundance.

GEO. S. MILLS.

NOTES.

T. H. Bass, of San Antonio, was in Beaumont February 25.

George S. Davison, of the Guffey-Gulf interests, and Allen L. Davison, both of Pittsburg, were in Beaumont February 20.

Frank J. Trost, formerly of Port Arthur, has again located at that point after a year's work in photographic field work in the Mid-Continent.

The old ice plant on the northeast corner of Avenue A and Eighteenth street, Galveston, has been sold by Moritz Brock for $19,000 to J. P. Straughan, but it is understood the property is to be repaired and fitted up by The Texas Company as an oil distributing station. It is stated that The Texas Company intends spending about $50,000 on the plant.

G. A. Gage has leased to P. H. Long gas and oil privileges on a tract of land in Bexar county between the Quintana and Somerset roads. That there exists possibilities on the land leased is evident from the existence of oil in a well sunk to the depth of 355 feet and then abandoned.

A test is to be sunk near Electra, Texas, on the Waggoner property. Actual drilling will begin within a few days. There is a well on the land between 300 and 400 feet deep, which has developed oil that comes to within about five feet of the surface. George T. Montgomery of Fort Worth is interested in the project.

John Deming, a rotary driller, formerly located at Markham, has gone to Tampico, Mexico, to work for the Pearsons at Dos Bocas, where Vic Gothe is now superintendent.

The Southern Light and Fuel Company, which was organized at Jennings, La., a few weeks ago with a capital of $100,000, has begun the erection of a large gas plant. George Forest, formerly of Iowa Falls, Iowa, is the general manager, and he states that he expects to have the plant in operation within sixty days.

H. Meathers of the Meathers Oil Company of Lake Charles, La., was in Beaumont, February 27, purchasing pipe to be used in a test about six and a half miles north of Sulphur, La., on the Eddy and Gunn rice farm, about three miles from the Kansas City Southern railway and seven miles south of DeQuincy, La. A water well drilled to about 325 feet encountered showings of oil. The company has leased 1060 acres and a derrick is erected awaiting the arrival of the pipe.

The Jennings Development Company, Ltd., of Jennings, has been organized with a capital of $10,000 by C. O. Noble, S. A. Spencer, R. R. Jaenke, J. A. McCorkle, and George B. Zigler of Jennings, C. S. Powell of Boston, and others. It is understood the company is negotiating for land near and in Jennings, including a lease on 50 acres of the Barker tract, in the city limits, and the 150 acres adjoining belonging to C. S. Powell.

The Delcambre Oil and Mineral Company has been organized at Abbeville, La., capitalized at $25,000, to drill on the farm of Theolin Landry, Jr., near Delcambre. It is reported a showing has been found at about 400 feet in the first well. The development is not far from Estherwood.

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AND NOW IT'S "MARY'S CALF."

A merchant named Gordon at Fairbanks, Alaska, used the following in one of his newspaper ads:

Mary had a little lamb,
Its fleece was white as snow;
It used to butt-in everywhere
That Mary used to go.
But Mary fleeced the sheep one day
And shopping went down town,
And at Gordon's bought a new sheath skirt
And split directoire gown;
Yet sheep's eyes are still cast on her
And "roughnecks" jeer and gloat.
Though Mary has a lamb no more,
She's got everybody's "goat."
For the sheath skirt is the latest cut,
It's almost cut in half.
Who cares a damn for Mary's lamb
When we see Mary's calf?

PROPOSE TO PIPE CADDO GAS TO NEW ORLEANS.

At the session of the New Orleans city council on March 2 an ordinance was introduced to grant to Philip Werlein, Louis P. Rice and W. W. Bouden of New Orleans and E. H. Everett of Washington, D. C., G. H. Walker, Louis B. Ely and Harry B. Hawes of St. Louis, a franchise to supply the city with natural gas from the Caddo, La., field for fuel and lighting purposes. Mayor Behrman of New Orleans has approved the measure, providing that the city's interests are property safeguarded, and the leading newspapers of New Orleans have endorsed the project, with the same proviso. An invitation from Mr. Werlein and his associates to the mayor, members of the council and executive officers of the city, to visit the Caddo field, was accepted, the party leaving New Orleans on the night of March 5 and returning March 8.

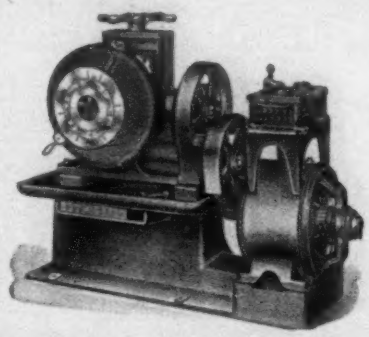
Behind the project to construct a gas line 300 miles long from Caddo to New Orleans, in addition to those named above, is August A. Busch, son of Adolphus Busch, the millionaire St. Louis brewer. It is conceded that there will be no lack of money to carry out the work, although it may involve an outlay of over $5,000,000. The Busch-Everett Company during the last four months has acquired nearly 150,000 acres of territory in the Caddo district at a cost of almost a round million, and is actively developing its holdings, having completed two strong gas wells and one oil well.

The ordinance proposes a 50-year franchise. It gives the applicants the right to construct mains across the Mississippi, across all other streams in the city limits, under the streets, alleys and other thoroughfares. The city is to receive 2 per cent of the gross receipts of the grantees, derived from the operation of the gas business. The grantees agree to construct or acquire not less than three miles of mains in each municipal district of New Orleans before the expiration of two and one-half years. The price of gas is fixed at a maximum of 50 cents a thousand feet for general use, and 20 cents a thousand feet to factories employing not less than five hands at all times. The grantees agree to deposit a bond of $20,000 within 90 days after the promulgation of the ordinance to secure the city against possible loss from the tearing up of streets, etc. If the terms of the ordinance are not complied with the bond is to be forfeited. The grantees are authorized to organize a corporation within six months after the franchise becomes effective, and are required to file within 30 days after such organization is effected a list of the corporation's officers and directors and the amount of stock actually paid.

Harry B. Hawes of St. Louis, one of the promoters, gave out a preliminary statement on February 27, outlining the gas proposition. It follows, in part:

For several weeks I have been conducting an investigation of local conditions to determine the advisability of introducing natural gas from the Caddo field into the city of New Orleans.

The price of gas here is $1.15 net, per



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thousand cubic feet; we will sell gas for fuel purposes for less than half that price, containing over 30 per cent more heat units. For manufacturing purposes we will sell gas at a price that will force the industrial development of this city. Many industries are now prevented from locating here because of the high price of fuel.

An application for a franchise will be made at Tuesday's meeting of the city council. The application will be presented in behalf of the following gentlemen: Philip Werlein, Louis P. Rice and W. W. Bouden of New Orleans; E. H. Everett of Washington, D. C.; G. H. Walker, Lewis B. Ely and Harry B. Hawes of St. Louis.

We have acquired by purchase and lease over 150,000 acres of the Caddo field. We have over five times the acreage of any individual concern and control twice as much territory as all other operators in that district combined. This will give the city of New Orleans for its natural gas supply a larger acreage than that enjoyed by any other city in America.

Natural gas, historians tell us, was used in China and Japan centuries before the Christian era. It is now in use in Ontario, Canada, and in various large cities of the United States. Pittsburg, Cincinnati, Cleveland, Kansas City, Columbus, Ohio, St. Joseph, Mo., and some 35 or 40 smaller cities are now supplied with it. None of these have as large a field as that controlled by my associates in Caddo parish. Their holdings do not compare in acreage or quantity or quality of gas.

Two of our wells have an estimated capacity each of 50,000,000 feet a day, more than double the present total consumption of artificial gas in New Orleans. Our holdings extend over a territory 20 miles long and 10 miles wide, being co-extensive with the entire developed field. The gas pressure in Caddo is terrific, and is found in three separate and distinct strata. One stratum is at 1000 feet, one at 1600 feet and the third at 2200 feet. Either one of the three should be sufficient to supply the city of New Orleans for generations.

Fifteen years ago, in drilling for an artesian well to supply an ice factory, gas was discovered in Shreveport, and has been in use in the same plant ever since. The burning gas wells in that district are unequaled in interest by the famous geysers of Yellowstone park.

Natural gas as fuel, works an industrial revolution in every city it enters. First, it will cheapen, by more than one-half, the cost to the householder. Second, in New Orleans, which is far removed from coal fields, it will immediately invite the introduction of capital to local manufacturing enterprises. Natural gas furnishes cheaper fuel than coal, and at the same time furnishes a better quality of heat. It is uniform in quality, easy to handle, eliminating waste and the expense of stoking and hauling. Incidentally, its use leaves the atmosphere free from the coal smoke which disfigures most of our modern cities, and is a menace to life and health.

Good water and cheap fuel, together with proper transportation facilities, are the essential requisites for commercial supremacy. Of these New Orleans is only lacking in cheap fuel. This our company will furnish.

The distance from the Caddo field to New Orleans is estimated at 300 miles. We start from the Caddo field with a 16-inch steel pipe and gradually enlarge the size until we reach this city with a 20-inch main. In order to secure a uniform flow and pressure it will be necessary to erect several pumping or condensing stations on the route, so as to bring the gas to this city with the same pressure that it has in the field. Cleveland, Ohio, takes her natural gas from fields in West Virginia, at a distance of 240 miles. Kansas City, Mo., takes her supply from fields in Kansas at a distance of 160 miles. Our haul will be the longest in America, but the vast improvements in the last few years in the manner of gas transportation and in knowledge of handling has perfected appliances for that purpose, so that we do not fear the distance. It costs more to build a

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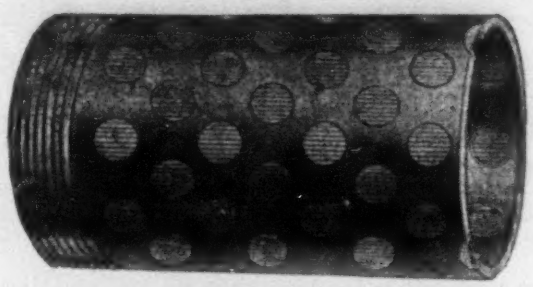

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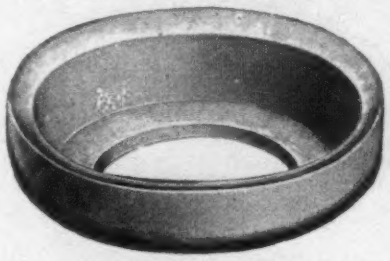

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This is what one Producer in California says:—"The hundred Cups sent me were received in good shape, and are giving splendid satisfaction. They outwear three sets of the ordinary cups and do better than the * * * * valve. Please send me 100 more, as I am putting them in every well as they have to be pulled." There are Hundreds more like him.

Another says:—"We had to pull a well every thirty days, and yours have been on 70 days." I can show many letters like these.

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If your dealer has not got these send to me direct. None are genuine without the white Never Cut tag printed in red ink. Send for circular.

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pipe line than it does to build a railroad.

We have the gas and we have the money to build the pipe line. We are asking the city for the privilege of selling the gas. There will be a restriction placed in our franchise causing it to lapse and become void in case we do not fulfill our obligations. We are voluntarily placing this in our franchise as a guarantee of good faith and to assure your municipal officers that we are not asking for a franchise to sell it to others, but for the purpose of using it ourselves. If we do not use it it becomes void.

RETRIAL OF STANDARD CASE IN CHICAGO.

Testimony in the retrial of the case against the Standard Oil Company of Indiana began on March 2 at Chicago before Judge Holland in the United States circuit court. Frederick S. Holland, formerly chief rate clerk of the Chicago & Alton railroad, the first witness, testified in regard to the methods used in the office of the company in making rates and in mailing copies of the tariff to shipppers. It is the contention of the government that the public and lawful rate on oil between certain points over the Chicago & Alton was 18 cents, while the oil company only paid 6 cents. Judge Anderson formally sustained the motion of the defense that the government proceed to try the case on the theory that there were 36 alleged offenses—that is, that each settlement on which an alleged rebate was paid constituted a separate offense. The formal ruling was the same as made by the court informally last week. Under it, it will be impossible to fine the company more than $720,000. Mr. Miller's motion to the effect that if any the offense was a single continuing one, was overruled, although the court said he would hear further argument on the point later, if desired.

STANDARD WAITING ON MOTIONS FOR REHEARING IN MISSOURI CASE.

A dispatch from Jefferson City, Mo., dated March 2, says that neither the Standard Oil Company nor the Republic Oil Company had at that time paid into the Missouri state supreme court the $50,000 fines imposed against them, though the time in which to do so expired March 1. Attorney Frank Hagerman, representing the Standard Oil Company, said that no action of any sort would be taken by the company until the court has passed upon the motions it has filed for an extension of time and a modification of the decree rendered against it. It was supposed that the court would meet March 3 and possibly take some action in these cases, but it is doubtful if any session of either division of the court or court in banc will be held this week. It is known that the court is holding consultations, and presumably the requests of the oil companies are being considered. One fine of $50,000, that assessed against the Waters Pierce Oil Company, has beeen paid.

R. S. Stephens, oil purchasing agent of the Southern Pacific, was in Beaumont February 20.

TO PROSPECT AT ORANGE, TEXAS.

The showing in a water well drilled on the rice farm of J. M. Hatton, eleven miles southwest of Orange, Texas, has attracted considerable attention to this locality and has led to the formation of several companies to prospect in the neighborhood. The Hatton well was drilled for water and is now reported to be making about 1,000,000 gallons daily. What was thought to be oil rock at about 370 feet and an oil stratum at about 560 feet were penetrated, but the drill was not stopped until the water sand, at about 700 feet, was reached. It is reported that Hatton has let a contract to drill for oil in the neighborhood of the artesian well to a depth of 1200 feet or over, the work probably to start early in March. The Hatton showing has recalled attention to the old Charles Block test, located about fourteen miles distant in the same county. It probably will be cleaned out and other tests made. The Orange County Oil Company has been incorporated, capitalized at $10,000 to do the prospecting near the Block test. W. H. Stark, a wealthy Orange lumberman associated with the Lutcher-Moore Lumber Company is president of the new company, the other incorporators being L. Miller, Mayor E. W. Brown, J. W. Link and F. H. Farwell, all of Orange. The oil rights on 150 acres have been purchased from Block, drilling to begin in 60 days. About 100 acres additional have also been leased.

SOUTHERN PACIFIC GEOLOGISTS IN MEXICO.

W. Kennedy of the Southern Pacific's geological staff, has returned to Houston from Mexico, where he spent two months with J. N. Sands and W. F. Cummins, also of the Southern Pacific's geological force. Mr. Sands was in British Columbia before going to Mexico. The party traversed the states of Coahuila and Nuevo Leon, making sections of the region. Messrs. Cummins and Sands will continue on through Tamaulipas and Vera Cruz. The country visited by Mr. Kennedy was mountainous, with formations in certain localities favorable to oil development. The only point at which oil was actually seen during the trip was in an old well in Maverick county, Texas, near Eagle Pass and just north of the Rio Grande, across from Coahuila. Both oil and gas are coming from this hole. Food was the hardest proposition on the trip. The diet "on the march" was goat's meat and bread made of flour, water and lard, cooked about half way through.

PREPARING TO DRILL ON THE HARRIMAN LANDS IN MEXICO.

Tuxpan, Mex., correspondence, Mexican Herald, Mexico City: Contractor D. M. Shine, who for nearly a year past has had his outfit grading on the Tuxpan-Furbero railway, having finished the contract for his section, has moved his entire outfit across the river and is now engaged in freighting machinery, pipe, supplies, etc., to the prospective oil territory of the Harriman interests, where great activity is being shown.

SECURITY REFINERY HAS SHUT DOWN.

As forecasted in the February 6 issue of the Oil Investors' Journal the works of the Security Oil Company at Beaumont were shut down last month.

Prior to that time, on January 30, forty-five men were let out and on February 15 the charging of the stills with crude was suspended preparatory to the anticipated closing down of the works. The products in process of manufacture had been finished three days later, and the actual shut down was then accomplished. From that date only enough men have been retained to prevent the deterioration of the manufacturing end, and to care for the office detail. How long the situation will remain as it is can only be conjectured, but the management of the Security Company seems unwilling to continue manufacturing in the face of the legal uncertainties that confront it. On the other hand, if the company were released from under the ban, either by a separation of its case from the foreign corporations involved in the state's suit, and a successful trial of the case, or a withdrawal of the charges, it would be willing to figure on its own pipe line and marine transportation. With its case suspended, however, for an indefinite period the management is not disposed to jeopardize the additional money that would be involved in building a line from Caddo or Oklahoma, and in investing funds in ships and cars. It has been pointed out that these additional facilities could be financed through a separate company, but this does not meet with favor by the Security Company as such a concern would manifestly be a creature of the parent, and as such quite as much under the ban as the original concern. Furthermore this would be an evasion of responsibility. It is more than likely the present complex state of affairs will drive the company from the state. If this occurs it is not probable the plant will be dismantled, as much of its material would deteriorate to but a small fraction of its present value, if moved. New Orleans, is freely mentioned as the logical destination in event of a removal of the organization, but officers of the Security Company decline to discuss this phase of the matter.

The shut down and possible removal of the Security organization is creating great concern among supply companies and retail dealers in Beaumont, and a delegation of business men, composed of T. S. Reed, Tom Andrus, R. M. Mothner, E. Szafir, Louis Mayer, J. J. Nathan and Jno. L. Keith, went to Austin late in February to see what could be done to induce Attorney General R. V. Davidson to remove some of the restrictions or secure a quick trial of the Security suit. So far their mission seems to have been without effect, Mr. Davidson stating that his position was unchanged. An effort is being made to secure the co-operation of the state organization of retail dealers to strengthen the hands of the local dealers, whose business is directly affected by the shut down. It is not expected this movement will have much weight, and it is not favored by the Security Company, which prefers to have the questions at issue decided without regard to the local interests crimped by the stoppage of the refinery.

The Security Oil Company disbursed, mostly in Beaumont, an average of $10,500 a day for every working day of 1908, its pay roll alone averaging $25,000 a month. This the company would expect to increase under favorable conditions by doubling its refining capacity to 16,000 barrels, involving a probable pay roll and disbursement of close to $70,000 a month, laying a pipe line, and possibly providing its own marketing facilities. The company has been a heavy patron of local banks, supply concerns and retailers, and prior to the great development in Oklahoma, was a heavy buyer of Beaumont oil. It has always been broad gauged in its business methods, and the possible loss of a concern of its character and magnitude is the occasion of great anxiety in Southeast Texas.

MISSOURI GOVERNOR WORKING FOR REPEAL OF OIL INSPECTION LAW.

Governor Hadley of Missouri is in favor of doing away with the inspection of oil in that state, and is back of a bill which will be introduced to repeal the inspection law. The state derives but little if any revenue from that source, as all the inspectors except that of St. Louis are permitted to keep the fees. The St. Louis inspector retains $7000 in fees and the remainder goes to the state.

Senator Krone introduced a bill in the senate to repeal the law, and a like measure will be offered in the house. Senator Booth has introduced a measure requiring inspectors to file a detailed report of the amount of oil inspected and the fees collected, which he said might form the basis of legislation to be initiated at the next session of the legislature designed to give some revenue to the state.

The Missouri oil inspection law was enacted probably twenty-five years ago and was designed to raise the standard of oil for illuminating purposes then put on the market. Of recent years it has formed the basis for a system of petty political patronage, as each county and each city of any size has an inspector who retains all the fees.

There are a number of applicants for the place of inspector of oils for St. Louis to succeed William M. Culp, whose term expires on June 18.

J. J. Griffin has been appointed superintendent of the pipe line department of The Texas Company in Oklahoma, effective March 1, with headquarters at Tulsa, succeeding J. L. Dowling, now general superintendent of The Texas Company's pipe line department in Texas and Louisiana.

SHIPMENTS OF OIL FROM PORT ARTHUR

[In Barrels of 42 Gallons.]

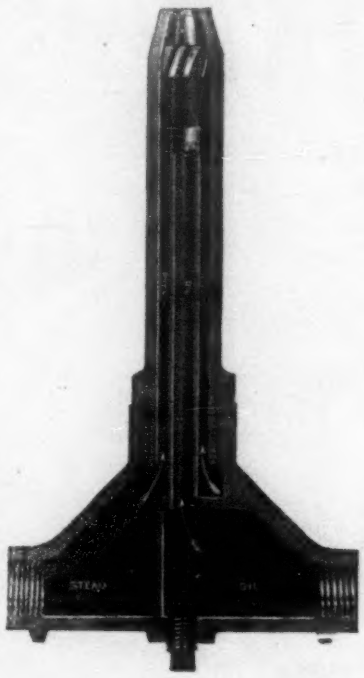
Feb.	Rig	Name Vessel	Loaded by	Consignee	Destination	Gulf crude	Refinery products
16	Barge	Mingo	Gulf Ref. Co.	Gulf Ref. Co. of La.	Gretna, La.	.....	4,457
16	Ss	Oberon	Gulf Ref. Co.	For orders	Manchester, Eng.	.....	.....
16	Ss	Oberon	Gulf Ref. Co.	For orders	Barrow, Eng.	.....	47,119
17	Barge	Guyton No. 1	Gulf Ref. Co.	Guyton & Co.	Galveston	3,003	.....
18	Ss	Joyo Maru	Gulf Ref. Co.	For orders	Avonmouth, Eng.	.....	54,858
18	Barge	Conemaugh	Gulf Ref. Co.	Gulf Ref. Co.	Port Tampa, Fla.	.....	17,464
19	Barge	Guyton No. 1	Gulf Ref. Co.	Guyton & Co.	Galveston	2,907	.....
19	Ss	Larimer	Gulf Ref. Co.	Gulf Ref. Co.	Philadelphia	29,285	7,660
19	Barge	Allegheny	Gulf Ref. Co	Gulf Ref. Co.	Jacksonville, Fla.	.....	4,189
19	Barge	Magnolia	The Texas Co.	The Texas Co	Amesville, La.	071	6,573
19	Ss	Florida	The Texas Co.	The Texas Co.	Amesville, La.	501	6,584
22	Ss	Rosebank	Gulf Ref. Co.	For orders	Liverpool, Eng.	.....	927
22	Ss	J. M. Guffey	Gulf Ref. Co.	Gulf Ref. Co.	Beverly, Mass.	1,051	23,550
22	Barge	Shenango	Gulf Ref. Co.	Gulf Ref. Co.	Beverly, Mass.	134	27,849
22	Barge	Guyton No. 1	Gulf Ref. Co.	For orders	Docks	.....	3,236
		Miscellaneous dock deliveries by Gulf Refining Co. for tugs and barges				690	.....
		Miscellaneous dock deliveries by The Texas Co. for tugs and barges				254	.....
		For last half of February				37,896	204,466
		Total for first half of February (itimized in last issue)				54,419	161,845
		Total for month				92,315	366,311
Jan.		Omitted from January table					
19	Bark	Progress Arg.	The Texas Co.	For orders	Campana, Arg.	a 6,720	.....
20	Bark	Westland	The Texas Co.	For orders	Canary Islands	.....	9,762
26	Ss.	Livingston	The Texas Co	For orders	Tampico, Mex.	b 870	.....
		Additional for January				7,590	9,762

a Residuum and crude mixed. b Impure crude.

SHIPMENTS OF OIL FROM SABINE

[In Barrels of 42 Gallons.]

Feb.	Rig	Name Vessel	Loaded by	Consignee	Destination	Gulf crude	Refinery products
16	Ss.	Genesee	Security O. Co.	Anglo Am. O. Co.	England	.....	27,959
16	Ss.	Paraguay	Sun P. L. Co	Sun Co.	Marcus Hook, Pa.	25,722	.....
21	Barge	Spindletop	Sun for Hig'ns.	Guyton & Co	Galveston	4,488	.....
26	Ss.	Toledo	Sun P. L. Co.	Sun Co	Marcus Hook, Pa.	21,010	.....
27	Barge	Sabine	Security O. Co.	For orders	New Orleans	.....	20,256
		Miscellaneous dock deliveries by Higgins O. & F. Co. to tugs and barges				476	.....
		Miscellaneous dock deliveries by the Sun P. L. Co. to tugs and barges				288	.....
		Total for last half of of February				51,984	48,215
		Total for first half of February (itimized in last issue)				77,049	35,339
		Total for month				129,033	83,554



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